

ORNITHOLOGICAL GAZETTEER
OF
PERU

LORAIN STEPHENS and MELVIN A. TRAYLOR, JR.

1983

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- Ornithological Gazetteer of Bolivia, Raymond A. Paynter, Jr., Melvin A. Traylor, Jr., and Blair Winter, 1975. vi + 80 pp., 1 map.
- Ornithological Gazetteer of Ecuador, Raymond A. Paynter, Jr., and Melvin A. Traylor, Jr., 1977. viii + 152 pp., 2 maps.
- Ornithological Gazetteer of Paraguay, Raymond A. Paynter, Jr., and Alastair M. G. Caperton, 1977. iv + 43 pp., 2 maps.
- Ornithological Gazetteer of Colombia, Raymond A. Paynter, Jr., and Melvin A. Traylor, Jr., 1981. v + 311 pp., 2 maps.
- Ornithological Gazetteer of Uruguay, David M. Rand and Raymond A. Paynter, Jr., 1981. iv + 75 pp., 2 maps.
- Ornithological Gazetteer of Venezuela, Raymond A. Paynter, Jr., 1982. iv + 245 pp., 2 maps.
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INTRODUCTION

Among the Andean countries, Peru has been the subject of the longest and most sustained interest in ornithological research. As early as 1844-1846 Tschudi published his *Untersuchungen über die Fauna Peruana, Aves*, and in 1884-1886 Taczanowski published his three volume *Ornithologie du Pérou*. The following fifty years witnessed much collecting and many short taxonomic papers, but in 1931 Zimmer began his monumental series, *Studies of Peruvian Birds*, which continued until his death in 1957, at which time 66 numbers had been published. The last two decades have seen a resurgence of intensive collecting, primarily by the parties from the Louisiana State University Museum of Zoology. Their collections have produced a remarkable number of novelties, and will undoubtedly be the basis for many future studies.

During his years of study of Peruvian birds, Zimmer built up an extensive card file of collecting localities. This material was made available by Vaurie in 1972 when he published *An Ornithological Gazetteer of Peru (Based on Information Compiled by J. T. Zimmer)*. Although the information included is rather sparse, Vaurie's *Gazetteer* has been of great help in compiling this one. Many of Vaurie's localities are lacking collector's names, and none has reference to where it might appear in the literature. However, all are included in the present list, since Zimmer must have come across them either in the literature or on specimen labels. The list of localities in H.-W. Koepcke (1961:26-37) is also without data as to collectors or dates, but all localities are included since they are the source of either specimens or observations. In both cases, review of the original literature has provided collection data for the majority of these sites, but there are a few that appear as bare names.

Beside localities derived from specimens in the collections of Field Museum of Natural History and the Museum of Comparative Zoology, we have been able to include localities represented in the collections of the Louisiana State University Museum of Zoology, the Museum of Vertebrate Zoology in Berkeley, and the Museo del Historia Natural "Javier Prado" in Lima. Data for the first two are incomplete: the LSUMZ records, although usually containing valuable habitat information, do not have the names of individual collectors, and those from MVZ have only locality and altitude. However, anyone using those collections should have no problem identifying their collecting sites. Data from MHNJP are complete to the extent that they were entered in the catalog.

The present gazetteer follows the same format as that of its predecessors. The basic authority for spelling, coordinates, and alphabetizing has been the *Gazetteer of Peru* prepared by the United States Board on Geographic Names in 1955. While the use of the USBGN gazetteers has given us a solid base for resolving most conflicts in other countries, this is not true for Peru. For the first time we have had the active cooperation of two local scientists, Manuel Plenge and Gerardo Lamas, and it has become obvious that many of the names appearing in the USBGN do not reflect the usage in the country. Plenge and Lamas are thoroughly familiar with the geography of Peru; the former has compiled a list of all the birds of Peru and an

ornithological bibliography for the country, and the latter has published *A Gazetteer of Peruvian Entomological Stations*. Both read the initial draft of this gazetteer and pointed out many instances in which the USBGN gazetteer does not give the spelling presently in use in Peru. We have treated their suggested emendations in various ways. When the USBGN spellings are out of step both with the literature and with Plenge's or Lamas's suggestion, we have used the latter's recommendation. Where there are variations both in the literature and between the USBGN and Plenge and Lamas, we have retained the USBGN spelling, but added the suggested emendation. In every case, all variant spellings are cross-referenced.

In the Spanish alphabet C and CH, L and LL, and N and Ñ are all considered distinct letters and alphabetized separately, CH following C, Ñ following N, and LL following L. We have followed the anglicized version used in the USBGN gazetteer, and in the earlier gazetteers of this series. We apologize to our Spanish readers for any inconvenience this unaccustomed order may cause them, but feel that since the gazetteers are in English, we should follow the anglicized order.

In 1980 the former department of Loreto was divided into two departments, Loreto in the north and Ucayali in the south. Since the Departamento Ucayali has yet to occur in the bird literature and all collecting sites there have been previously considered Loreto, we have noted the departmental name for localities now in Ucayali as "Loreto, now Ucayali."

We would like to give a reminder here that the coordinates of rivers always refer to the mouths, and they may be hundreds of kilometers from the actual collecting localities. Whenever possible we have indicated in the text where along the river a given collector worked. These indications may be altitudes or a distance from a town or landmark, or where a trail crosses the river. Without such an indication, the collecting locality is indeterminate, despite the precise coordinates of the mouth.

One of the most diligent collectors in Peru was Jan Sztolcman, who in his early days occasionally spelled his name "Sztolcmann" or "Stolzmann." This would not cause much confusion except that Taczanowski consistently used the spelling "Stolzmann." However, Sztolcman himself in his later Peruvian papers, and Domaniewski in his obituary and bibliography of Sztolcman (1929, *Ann. Mus. Zool. Polonici*, 8:23-48) both used the spelling "Sztolcman," and we have followed that usage here. This is also the spelling used by Vaurie (1972).

The bibliography includes all papers and books that we were able to find that included Peruvian collecting or observation localities. We are very grateful to Manuel Plenge for giving us a draft copy of his forthcoming *Bibliography of the birds of Peru*, which contains many references that we would have overlooked. With this help, the bibliography should contain those references that a working ornithologist would come across in his studies.

ACKNOWLEDGEMENTS

As noted above, our special thanks go to Manuel Plenge and Gerardo Lamas for their generous contribution of time and knowledge to help make this gazetteer as complete and accurate as possible. They not only checked the whole manuscript for accuracy, but were also able to find and give references for many places that we had marked "not located." Besides sending us the copy of his *Bibliography*, Plenge also sent us photocopies of the catalogs of the Javier Prado Museum so that we were able to incorporate all their material into our gazetteer. Without their help, this would have been a much less complete volume. We are also extremely grateful to John O'Neill and his colleagues, Theodore Parker and Thomas Schulenberg, for their help in listing the localities at which parties from the Museum of Zoology, Louisiana State University, have collected. Ned K. Johnson and Anne D. Jacobberger were most helpful in sending us a computer printout of most of the Peruvian localities represented in the MVZ. For their help in locating their own or other people's collecting sites we would like to thank Antonio Brack Egg, John Fitzpatrick, Peter Hocking, and Max Nickerson. We are also grateful to Blair Winter for tracing localities in Carriker's field notebooks in the Academy of Natural Sciences, Philadelphia. Raymond A. Paynter, Jr., gave us much encouragement and many valuable suggestions during the prolonged preparation of this paper. Special appreciation goes to Patricia Johnson, who typed and retyped the complete manuscript, and to Alison Pirie who prepared the photo-ready copy from a very rough draft.

ABBREVIATIONS

ANSP	Academy of Natural Sciences, Philadelphia
CN	Carta Nacional, Servicio Geográfico del Ejército, Lima, 1937. Scale 1:200,000
CNG	Catálogo de Nombres Geográficos del Perú. I Parte. Instituto Geográfico Militar, Lima, 1979.
Dicc. Geogr.	Diccionario Geográfico del Perú. G. Stiglich, Lima, 1922
FMNH	Field Museum of Natural History, Chicago
IGM	Mapa Físico Político. Instituto Geográfico Militar del Perú, 1973. Scale 1:1,000,000
LSUMZ	Louisiana State University, Museum of Zoology
MAPA	República del Perú Mapa Político. Instituto Geográfico Militar del Perú, Lima, 1971. Scale 1:1,000,000
MCZ	Museum of Comparative Zoology, Cambridge
MF	[Road maps of the Departments of Peru] Ministerio de Fomento, Dirección de Caminos y Ferrocarriles, Lima, 1938. Scale 1:500,000

MHA	Map of Hispanic America. American Geographical Society, New York, 1922-1952. Scale 1:1,000,000. Also called the Millionth Map
MHNJP	Museo del Historia Natural "Javier Prado," Lima
MPM	Milwaukee Public Museum
MVZ	Museum of Vertebrate Zoology, University of California, Berkeley
USBGN	NIS Gazetteer Peru. Official Standard Names approved by the United States Board on Geographic Names. Prepared in the Division of Geography, Department of the Interior. Published by the Central Intelligence Agency, Washington, D. C., 1955.

Since Peru lies entirely south of the equator, all latitudes are South, and, as for all of South America, all longitudes are West.

Lorain F. Stephens

Melvin A. Traylor, Jr.

31 December 1982

- ABANCAY; Apurímac 1335/7255 (USBGN)
2,378 m (CNG); ca. 25 km S of Río Apurímac (MHA); Hocking, May 1970,
at 9,500 ft [2,900 m] and on puna above at 13,000 ft [3,965 m], also in
semi-brush area near city, 6,000 ft [1,830 m] (FMNH); Vaurie, 1972:5;
LSU party (LSUMZ).
- ABRA BOQUERÓN DEL PADRE ABAD (IGM); see Boquerón del Padre Abad,
Abra.
- ABRA DE PORCULLA (LSUMZ); see Porculla, Abra de.
- ABRA MÁLAGA (LSUMZ); see Málaga, Abra.
- ABRA PATRICIA (O'Neill & Graves, 1977:409); see Miguel, Pardo de.
- ACANCHA Not located
Brack Egg, 1969:21; possibly error for Acancocha, collector, Brack Egg
(Plenge, in litt.).
- ACANCOCHA (Vaurie, 1972:5); see Acaricocha.
- ACAPULCO; "Puno" = Junín ca. 1200/7509 (Lamas, in litt.)
Alt. ?; "Between Acapulco and Huancayo, Puno," Raimondi (Taczanowski,
1886:282); = Hacienda Acopalco (Lamas, in litt.).
- ACARÍ; Arequipa 1526/7437 (USBGN)
325 m, on Río de Acarí, near coast (MHA); Hocking, various dates, 1966-
1974, at ca. 400 ft [125 m] (FMNH); see, also Hierro Acarí.
- ACARICOCHA; Junín 1109/7546 (USBGN)
ca. 2,500 m, on upper Río Huasahuasi (MHA); Vaurie, 1972:5; Jelski, May
1873 (Taczanowski, 1874b:520, as "Arancocha"); correct name Acancocha
at ca. 1102/7546 (Lamas, in litt.).
- ACCOBAMBA (Carriker, 1930:374); see Acobamba.
- ACHAMAL; Amazonas Not located
Near Chirimoto (0631/7724 (USBGN)), possibly almost on Amazonas/San
Martín border; does not = Cochamal, q.v., contra Vaurie, 1972:5 (Lamas,
in litt.); Sztolcman, Sept. 1880, Huambo valley [= Río Huambo,
0704/7710 (USBGN)] (Dunajewski, 1938:323).
- ACHAPI, RÍO; Loreto ca. 0746/7513 (Vaurie, 1972:5)
Alt. ?; Schunke (Vaurie, 1972:5); not on our maps.
- ACHINAMIJO (IGM); see Achinamisa.
- ACHINAMISA; San Martín 0625/7554 (USBGN)
Alt. ?; left bank of Río Huallaga, ca. 20 km above Navarro (IGM as
"Achinamijo"); Bassler (Vaurie, 1972:5, as "Achinamiza in Loreto"); Achi-
namiza correct spelling contra USBGN, IGM (Lamas, in litt.).
- ACHINAMIZA, Loreto (Vaurie, 1972:5); see Achinamisa, San Martín.

- ACOBAMBA; Junín 1120/7541 (USBGN)
ca. 3,500 m (MHA); on Río Palca, ca. 10 km downstream from Tarma (IGM); Watkins, Dec. 1919, at 10,000 ft [3,050 m] (Chapman, 1923a:2); J. Kalinowski, Sept. 1890 (Berlepsch & Sztolcman, 1896:326); Jelski (Taczanowski, 1884a:20); Simons, Mar. 1900, at 3,500 m (Chubb, 1919b:4, as "Ancobamba"); Carriker, April 1930, at 9,000 ft [2,700 m] (Carriker, 1930:374, as "Accobomba"); Ortiz de la Puente, June 1948, hills with cactus (MHNJP).
- ACOLLA; Junín ca. 1146/7533 (Lamas)
3,467 m (CNG); near Jauja, Blancas, Jan. 1954, in cultivated fields, at 3,460 m (MHNJP); Lamas, 1976:17; Blancas, 1954-56, in study area around Acolla, Río Yanamarca valley (Blancas, 1959:8).
- ACOMAYO; Cuzco 1355/7141 (USBGN)
3,207 m (CNG); on tributary to right bank of Río Apurímac (MHA); Hocking, Apr.-May 1970, also 3 km on turnoff to Acomayo, 11,800 ft [3,600 m] (FMNH).
- ACOMAYO; Huánuco 0946/7605 (USBGN)
2,110 m (CNG); NE of Huánuco, ca. 3 km from Río Huallaga (MHA); Hocking, Nov. 1965, Sept. 1966, Apr., Aug. 1974 at 3,000 ft [915 m], 7,500 ft [2,300 m], 8,000 ft [2,440 m]; see also Hocking localities of Topicayajo, Rosapampa, Zapatogocha, Rincón Loma, Yanamita, Puca-tranca, Papayajo, Taprag, Pan De Azucar, Hishancayojo, Huailaspampa, Micho, Esperanza, and Capillaog, which are either subtropical forests or near subtropical forests, ca. 5-10 km NE of Acomayo (FMNH); LSU party (LSUMZ).
- ACOPAMPA; Puno 1354/7030 (USBGN)
3,395 m, on upper Río Sangabán [= Río San Gabán], left bank Río Inambari drainage (MHA); probably Watkins at 11,500 ft [3,500 m] (Lamas, 1976:17); the Lamas gazetteer cited is for lepidoptera collecting, but it seems likely that Watkins may have collected birds here too.
- ACORA; Puno 1557/6947 (USBGN)
Alt. ?; on Puno/La Paz highway, ca. 30 km SE Puno (IGM); Ortiz de la Puente, Mar. 1948, cultivated fields (MHNJP).
- ACORIA; Huancavelica 1237/7453 (USBGN)
3,167 m (CNG); in Río Huancavelica valley, ca. 14 km below confluence with Río Mantaro (MHA); Morrison, Dec. 1937, at 10,400 ft [3,170 m] in arid temperate zone (Morrison, 1939b:457).
- ACOS; Cuzco 1357/7145 (USBGN)
3,085 m (CNG); on right bank tributary of Río Apurímac, ca. 7 km W of Acomayo (MHA); Hocking, May 1970, 10,500 ft [3,202 m] (FMNH).
- AFLUENTE; San Martín ca. 0544/7731 (Parker & Parker, 1980:203)
ca. 1,200 m, work camp along Bagua/Pomacochas/Rioja road, about 80 km NW of Rioja, Parker and Parker, 1,100 m, Aug.-Sept. 1977, in upper tropical/subtropical zone cloud forest (Parker & Parker, 1980:203).

- AGALLPAMPA; La Libertad 0759/7833 (USBGN)
3,117 m (CNG); ca. 11 km SSE Otuzco (IGM); coll. ?, 24 km E, 3,600 m (MVZ).
- AGUABLANCA Not located
240 m, Schunke, Aug. 1957 (MHNJP).
- AGUA BLANCA; Cajamarca 0703/7904 (USBGN)
ca. 1,500 m, W slope, Western Andes (MHA); Sztolcman, Jelski, July 1878 (Taczanowski, 1879:233).
- AGUA CALIENTE (FMNH); see Aguas Calientes.
- AGUACHINI; Pasco ca. 1030/7455 (Lamas, in litt.)
ca. 1,200 ft [370 m], tambo on Pichis trail, q.v., near lower edge of foothills, last house before Puerto Yessup [1027/7454 (USBGN)], Carriker, Jan. 1930 (ANSP); Bond, 1955a:216; Lamas, in litt.
- AGUA DEL MACANCHE (Sutter, in litt.); see Macanche, Quebrada.
- AGUAHIRO (Vaurie, 1972:6); see Ahuayro.
- AGUALANI; Puno 1406/6942 (USBGN)
ca. 4,000 m (MAPA); on upper Río Quitón [= Río Quitún], tributary on left bank of Río Inambari (MHA); Vaurie, 1972:6; coll. ?, 3 mi [5 km] N Limbani, q.v., 9,500 ft [2,898 m] (MVZ).
- AGUAMIRO VALLEY (Zimmer, 1930:239); see Huánuco Viejo.
- AGUA POTABLE, QUEBRADA DEL; Ayacucho ca. 1313/7414 (FMNH)
9,000 ft [2,745 m], on outskirts of Ayacucho on road to Río Pampas, Hocking, Aug. 1976 (FMNH).
- AGUA SANTA; Ica 1340/7610 (USBGN)
Alt. ?; marshland 8 km N of Río Pisco, on Pan American Highway, Plenge & Simon, July 1976 (Oatman, Plenge, & Simon, 1980:214); Graves, Plenge, and Simon, June 1976, O'Neill, no date (Graves, 1981:77); Duffy and Atkins, July 1978 (Duffy & Atkins, 1979:219, as "Pampa Agua Santa").
- AGUAS CALIENTES; Huánuco 0850/7441 (USBGN)
ca. 150 m, on Río Pachitea, ca. 20 km above confluence with Río Ucayali (MHA); Sanborn, Apr. 1946 (FMNH, as "Agua Caliente").
- AGUAYTÍA; Loreto, now Ucayali ca. 0903/7530 (IGM)
ca. 500 m, on upper Río Aguaytía (IGM); Goytizolo, Aug. 1943 (MHNJP).
- AGUAYTÍA, RÍO; Loreto, now Ucayali 0808/7437 (USBGN)
Rises in Ucayali, flows N and NE to confluence with Río Ucayali on left bank (MHA); Tessmann, on lower Río Aguaytía (Vaurie, 1972:6); Ridoutt, Aug. 1943, km. 247, Río Yuracyacu road (MHNJP).
- AGUSTÍN, CERRO (MHNJP); see Agustino, Cerro.

- AGUSTINO, CERRO; Lima 1204/7700 (USBGN)
Alt. ?; within city of Lima; Ortiz de la Puente, Apr. 1948 on mountain
and around caves (MHNJP), variant "Cerro Agustín."
- AHUAYRO; Apurímac ca. 1322/7352 (Vaurie, 1972:6)
Alt. ?; 8 mi [13 km] upstream from Ninabamba on Río Pampas, q.v.,
vegetation in valley similar to that of Ninabamba, also collected in
woods above, in humid, temperate zone, Morrison, Sept.-Oct. 1939, at
7,000-8,000 ft [2,140-2,440 m] (Morrison, 1948a:119); Vaurie, 1972:6,
variant "Aguahiro."
- AINTANI (Olson, 1980:73); see Río Cenepa.
- ALACSAYCA (Vaurie, 1972:6); see Alacsayco.
- ALACSAYCO Not located
Jelski, near Alacsayco (Taczanowski, 1886:310); Vaurie, 1972:6, as
"Alacsayca"; probably in Junín, above 4,000 m, may = Atocsayco
[1119/7605 (USBGN)] (Plenge, in litt.).
- ALAMOR; Piura 0429/8025 (USBGN)
350 ft [110 m], on Río Alamor ca. 35 mi [56 km] N of Sullana, Watkins,
June 1919 (Chapman, 1926a:78, as "Lamor"); ca. 3 km S of Ecuador
border (MAPA); variant La Lamor; not to be confused with Alamor,
Ecuador.
- ALAMOR (Zimmer, 1949:13); see Alamor, Ecuador.
- ALCACOCHA, LAGO; Pasco 1035/7619 (USBGN)
ca. 4,500 m, ca. 11 km NW Cerro de Pasco (IGM); Gill and Storer, Nov.
1961 (Storer, 1967:340).
- ALCATANGA (Vaurie, 1972:6); see Hacienda Alcotanga.
- ALCOTANGA (MHNJP); see Hacienda Alcotanga.
- ALFAMAYO; Cuzco ca. 1306/7225 (LSUMZ)
Alt. ?; LSU party, just below San Luís on road to Huayapata LSU party
(LSUMZ).
- ALGAMARCA; Cajamarca 0736/7815 (USBGN)
ca. 3,500 m, ca. 24 km W of Cajabamba, left bank Río Marañón drainage
(MHA); Baer, 1900, at 3,000 m (Ménégaux, 1910b:319); "Algamarca,
Province of" (Vaurie, 1972:6).
- ALGARROBAL; Cajamarca 0732/7858 (USBGN)
2,000 ft [610 m], Hocking, July 1976 on road from Ascope to San Benito
(FMNH).
- ALMIRANTE (Vaurie, 1972:6); see Almirante, Tambo.
- ALMIRANTE, TAMBO; Amazonas ca. 0608/7720 (MHA)
2,030 m, on trail from Chachapoyas to Moyobamba, Río Huallaga

drainage (MHA); Osgood and Anderson, June 1912, near Uchco (FMNH); Vaurie, 1972:6, as "Almirante."

ALTAMIRA; Madre de Dios Not located
400 m, Manu [probably = Manu, Provincia de, 1215/7100 (USBGN)], coll.
?, Feb., Mar. 1964 (Berlioz, 1966:2, 3).

ALTO AMAZONAS (Sclater & Salvin, 1873b:253); see Alto Amazonas,
Provincia de.

ALTO AMAZONAS, PROVINCIA DE; Loreto 0430/7700 (USBGN)
Includes Ríos Morona, Pastaza, mid-Marañón and lower Huallaga; in 1854
the "distrito de la Misión Alta del Marañón" included the following
villages: Andoas, Santander, San Antonio, Borja, Santa Teresa, Simón,
Barranca, Jeberos, and Barranquilla (Lamas, in litt.); variants Misión Alto
Marañón, Misión Alto Amazonas; Bartlett (Sclater & Salvin, 1873b:253,
as "Alto Amazonas" and "Mission Alto").

ALTO DE TOLEDO (Vaurie, 1972:6); see Toledo, Alto de.

ALTO QUIMIRI; Junín Not located
1,200-1,400 m (MHNJP); village in mountains above Quimiri [1102/7514
(USBGN)] (Lamas, in litt.); Schunke, Dec. 1940, May 1941 (FMNH);
Schunke, Aug. 1941, Nov. 1941, Sept. 1942, dry virgin forest (MHNJP).

ALTO QUIRIME; see Alto Quimiri.

ALTO YAQUERANA, RÍO; Loreto 0510/7253 (USBGN)
Tributary to left bank Río Yavarí, flowing NNE along Brazilian border
(IGM); C. Kalinowski, Aug. 1957, 210 m at mouth (FMNH as "Yaquerana,
Río").

ALTO YURINAQUI (FMNH); see Yurinaqui Alto.

AMABLE MARÍA; Junín ca. 1110/7519 (Vaurie, 1972:6)
Alt. ?; located by Gardner (Gardner & Patton, 1976:42) in Río Tulumayo
valley W of Río Tulumayo, ca. 10 km S of San Ramón; Jelski, Dec. 1871-
Feb. 1872 (Taczanowski, 1874a:129); apparently located in or near
Montaña de Vítoc (Taczanowski, 1874a:131); "vicinity of Tarma" = this
locality (Vaurie, 1972:32).

AMACHO; Cuzco Not located
2,750 m, in Marcapata [1330/7055 (USBGN)] area, C. Kalinowski, July
1953 (FMNH).

AMANCAES (Vaurie, 1972:6); see Amancaes, Pampa de.

AMANCAES, PAMPA DE; Lima 1201/7702 (USBGN)
ca. 750 m (H.-W. Koepcke, 1961:26); lomas (fog vegetation) area in city
of Lima, now nearly urbanized (Plenge, in litt.); M. Koepcke, 1965:152;
Vaurie, 1972:6, as "Amancaes."

AMANTANÍ, ISLA; Puno 1540/6943 (USBGN)
ca. 3,500 m (MHA); island in Lago Titicaca (IGM); Ortiz de la Puente,

- Mar. 1948, cultivated fields, eucalyptus (MHNJP); M. Koepcke, 1958:169.
- AMAYA, RÍO; Loreto ca. 0439/7707 (IGM)
Right bank tributary to Río Morona [0445/7704 (USBGN)] (IGM, as "Río Aramaya"); C. Kalinowski, Mar. 1954, at 200 m at the mouth (FMNH).
- AMAYO; Junín Not located
Below Yurinaqui Alto, ca. 1047/7513 (FMNH); Hocking and López, Feb. 1975 (MHNJP).
- AMAZONAS, DEPARTAMENTO DE 0500/7800 (USBGN)
NW Peru, bounded on N by Ecuador, E by Loreto and San Martín, La Libertad on S, and Cajamarca on W (MAPA); no specific locality (O'Neill, 1969:9); Aguaruna Indians for Hocking (FMNH).
- AMAZONAS, RÍO; Loreto 0010/4900 (USBGN)
Peruvian section of river between the junction of Río Ucayali and Río Marañón [0430/7327 (USBGN)] and the Peru/Brazil border (IGM); Castelnau and Deville, 1843-1847, in high Amazon (Des Murs, 1855:26).
- AMBAGAY; Cajamarca Not located
Near Sauce [0550/7844 (USBGN)] (Vaurie, 1972:6); Jelski, Sztolcman, Mar. 1878 (Taczanowski, 1879:220).
- AMBO; Huánuco 1007/7610 (USBGN)
2,064 m (CNG); on upper Río Huallaga, ca. 25 km S of Huánuco (MHA); base camp for Marshall Field Peruvian Expedition, Heller, June 1922, at 6,700 ft [2,040 m] (FMNH); Zimmer, May-July 1923 (FMNH); LSU party (LSUMZ); Ramírez, June 1952 (MHNJP).
- AMELIA; Loreto 0420/7005 (USBGN)
100 m, on Río Javary [= Río Yavarí], ca. 20 km W of its confluence with Río Amazonas (MHA); Osgood and Anderson, Aug. 1912 (FMNH); formerly Nazareth (USBGN); Vaurie, 1972:23, as "Nazareth".
- AMIGOS, RÍO DE LOS; Madre de Dios 1236/7005 (USBGN)
Left bank tributary to Río Madre de Dios (MHA); C. Kalinowski, Nov. 1954, in area of mouth (FMNH); ca. 260 m (MHA).
- AMOTAPE; Piura 0452/8101 (USBGN)
12 m (CNG); ca. 16 km from coast (MHA); Simons, July 1899 at ca. 50 m (Chubb, 1919c:22, as "Omotape").
- AMOTAPE-BERGE (H.-W. Koepcke, 1961:27); see La Brea, Cerros de.
- AMOTAPE, CERROS DE (FMNH); see La Brea, Cerros de.
- AMPATUNE, LAGUNA; Cuzco 1336/7106 (USBGN)
ca. 4,000 m, ca. 20 km W of Marcapata (MHA); C. Kalinowski, July 1949, Aug. 1960 at 4,300 m (FMNH as "Hampatune Lagoon").
- AMPICOCHA; Loreto Not located
Río Ucayali, Schunke, Feb. 1943 (MHNJP); see, also, Santa Isabel [ca. 0545/7434 (IGM)], where Schunke collected eight days later.

AMPIYACU (Vaurie, 1972:6); see Apayacu, Islas.

AMPIYACU, RÍO; Loreto 0319/7151 (USBGN)
Rises ca. 0303 S from confluence of many streams, flows SE to join Río Amazonas below Pebas (IGM); Olalla and Sons at mouth near Pebas, Jan. 1927 (Chapman, 1928:7, as "Apiyacu"); there is some confusion between this and Río Apayacu.

ANAMAYO, RÍO (Peters & Griswold, 1943:284); see Maraynioc and Río Vítoc.

ANAYACU; Loreto Not located
Between Pebas [0320/7149 (USBGN)] and Puerto Indiana [ca. 0328/7303 (Mapa)], Zimmer, 1934e:1.

ANCASH, DEPARTAMENTO DE 0930/7745 (USBGN)
W central Peru, bounded by Pacific on W, La Libertad on N, Huánuco on E and Lima on S (MAPA).

ANCO (Morrison, 1939b:457); see La Esmeralda.

ANCOBAMBA (Chubb, 1919b:4); see Acobamba.

ANCOMARCA; Puno 1712/6939 (USBGN)
ca. 4,000 m, ca. 4 km from Bolivian border on tributary to Río Mauri (MHA); C. Pearson, 1.6 km SW near Capazo, Oct. 1971 (Plenge, 1982:170).

ANCÓN; Lima 1147/7711 (USBGN)
3 m (CNG); coastal town ca. 30 km N of Lima (MHA); J. Kalinowski, Jan. 1890 (Berlepsch & Sztolcman, 1892:395); Forbes, 1912, 1913 (Forbes, 1914:406); Beck, Apr.-May 1913, offshore (Murphy, 1936:9); Oustalet (Vaurie, 1972:27, as "Port Ancón"); Tovar, Oct. 1964, offshore, Koepcke, Feb. 1962 (MHNJP); see, also, Pescadores, Islas; H.-W. Koepcke, 1961:27.

ANDABAMBA; Huánuco ca. 1000/7615 (MHNJP)
On Ambo-Huánuco road, just S of Huánuco, de Macedo, July 1943 (MHNJP).

ANDAHUAILAS (Vaurie, 1972:6); see Andahuaylas, Apurímac.

ANDAHUAILILLAS (Vaurie, 1972:6); see Andahuaylillas.

ANDAHUAYLAS; Apurímac 1339/7323 (USBGN)
2,926 m, on Río Chumbao ca. 25 km from Río Pampas (IGM); Hocking, Mar. 1974, from 10,500-12,000 ft [3,200-3,660 m] in Andahuaylas Mountains (FMNH); Hocking, May, Sept. 1970, at 13,000 ft? [3,970 m?] between Andahuaylas and Chincheros at ca. 1330/7340 (FMNH); C. Kalinowski, Sept. 1953, at 3,040 m, at Hacienda La Laguna (FMNH); Church (Vaurie, 1972:6).

ANDAHUAYLIAS, "Puno" (Vaurie, 1972:6); see Andahuaylillas.

- ANDAHUAYLILLAS; Cuzco** 1341/7141 (USBN)
 3,122 m (CNG); ca. 37 km upriver from Cuzco, left bank of Río Vilcanota (MHA); incorrectly located in Dept. of Puno, J. Kalinowski, Jan., Apr. 1896 (Berlepsch & Sztolcman, 1906:126); Vaurie, 1972:6, variant "Andahuaylias, Puno."
- ANDAMARCA; Junín** 1146/7444 (USBN)
 2,560 m (CNG); on Río San Fernando, left bank Río Mantaro tributary (MHA); Raimondi, Tschudi (Vaurie, 1972:6); Raimondi (Taczanowski, 1884a:368).
- ANDOAS; Loreto** 0250/7630 (USBN)
 250 m (MHA); on Río Pastaza, ca. 45 km S of Ecuador border (IGM); coordinate discrepancies, 0213/7651 (Vaurie, 1972:6); ca. 0254/7624 (IGM), ca. 0236/7637 (MHA); coll. ? (Zimmer, 1948a:21).
- ANDORES** (Berlepsch & Sztolcman, 1902:42); see Óndores.
- ANGASMARCA; La Libertad** 0808/7804 (USBN)
 ca. 2,900 m (Lamas, in litt.); ca. 12 km E of Santiago de Chuco, Pacific drainage (MHA as "Angasmarca Hacienda"); Simons, Dec. 1899, at 3,500 m, on "Hungas Marcos Paramo" (Chubb, 1919b:3); correct name Hacienda Angasmarca (Lamas, in litt.).
- ANGASMARCA HACIENDA (MHA);** see Angasmarca.
- ANGOLO; Piura** ca. 0450/8045 (Lamas)
 Alt. ?; town was part of Hacienda Mallares (Lamas, in litt.); M. Koepcke, Apr. 1956 at Hacienda Mallares (FMNH); MHNJP as "Hacienda Angolo"; not to be confused with Angolo of USGBN and MHA below.
- ANGOLO; Piura** 0424/8045 (USBN)
 ca. 500 m, in Cerros de Amotapé (MHA); H.-W. Koepcke, 1961:27; see, also, El Angolo.
- ANGUÍA; Cajamarca** 0619/7836 (USBN)
 2,400 m (CNG); (MHA, as "Angura"); ca. 25 km downstream from Cutervo on Río Cutervo (IGM); Sztolcman at 9,500-10,500 ft [2,900-3,200 m] (Taczanowski, 1884a:67, as "Montaña de Angurra").
- ANGURA (MHA);** see Anguía.
- ANGURRA, MONTAÑA DE** (Taczanowski, 1884a:67); see Anguía.
- ANIA** Not located
 d'Orbigny (Vaurie, 1972:6); possibly in Bolivia.
- ANQUIMARCA** (Vaurie, 1972:7); see Aquimarco.
- ANTA; Cuzco** 1329/7209 (USBN)
 3,337 m (CNG); on railroad from Ollantaytambo to Cuzco, left bank of Río Urubamba, ca. 20 km NW of Cuzco (MHA); Garlepp, July, Aug. 1899, at 3,500 m (Berlepsch, 1901:197); "Anta and Lucre," Lucre [1338/ 7144

(USBGN)], Garlepp (Vaurie, 1972:6); also "Pampa de Anta, near Huarcondo" [1325/7213 (USBGN)] (Vaurie, 1972:6); Garlepp, July, Aug. 1899, at 3,500 m (Hellmayr, 1915:210).

ANTA, PAMPA DE (Vaurie, 1972:6); see Anta.

ANTACocha; Lima Not located
Near Bosque de Pariacocha [ca. 1141/7628 (Hocking)], Hocking, 14,000 ft [4,270 m], May 1981 (FMNH).

APAYACU; Loreto ca. 0319/7206 (IGM)
ca. 100 m, town at confluence of Río Apayacu and Río Amazonas (IGM); Olalla (Vaurie, 1972:6); collector ? (Zimmer, 1932a:13); collector ? (Bond, 1950b:1); see, also, Apayacu Islas; variants Auayacu and Ampiyaco (Vaurie, 1972:6); see, also, Ampiyacu, Río.

APAYACU, ISLAS; Loreto ca. 0323/7208 (Vaurie, 1972:6)
ca. 100 m, islands in Río Amazonas, ca. 32 km above Pebas (MHA); Olalla, Dec. 1936 (Zimmer, 1940a:13); Vaurie, 1972:6; Olalla collected either here or at village of Apayacu.

APAYACU, RÍO; Loreto 0319/7207 (USBGN)
ca. 100 m (MHA); joins left bank of Río Amazonas at Apayacu (IGM); see, also, Ampiyacu, Río.

API; Puno Not located
Near Alto de Toledo [1555/7018 (USBGN)], Meyen (Vaurie, 1972:6).

APIYACU (Chapman, 1928:7); see Ampiyacu, Río.

APURÍMAC, DEPARTAMENTO DE 1400/7300 (USBGN)
South-central Peru, bounded by Arequipa on S, Cuzco on N and E, and Ayacucho on N and W (MAPA).

APURÍMAC, RÍO ca. 1217/7355 (IGM)
Rises in Arequipa, flows N and E, forming Apurímac/Cuzco border and joins Río Mantaro to form Río Ene; MAPA shows Apurímac/Mantaro confluence at ca. 1220/7358; coordinates in USBGN (1148/7403) are in error; Terborgh and Weske, 1965-1972, made their base camp at Luisiana, ca. 1239/7344, on left bank of Río Apurímac.

APUTINYE; Cuzco ca. 1300/7232 (Parker & O'Neill)
1,670 m, humid subtropical forest on mountain slope directly S of Huyro, in Río Urubamba valley, LSU party, 1,730-1,830 m, Aug.-Sept. 1974 (Parker & O'Neill, 1980:168, also as "Bosque Aputinye"); see, also, Huayopata.

AQUIA (LSUMZ); see Raquía.

AQUILAYOC; Huánuco Not located
Near Caina (= Cayna [1011/7620 (USBGN)]), Ramírez, July 1952 (MHNJP).

AQUIMARCA (ANSP); see Aquimarco.

AQUIMARCO; Junín 1102/7542 (USBGN)
ca. 2,500 m, on upper Río Oxapampa (MHA); Jelski (Taczanowski, 1884a:72, as "Auquimarca"); Bond places this in upper Paucartambo valley which is mostly in Pasco, Carriker, Feb. 1931, at 8,000-10,000 ft [2,440-3,050 m] (Bond, 1945:17, as "Auquimarca"); village on large mesa 1,000 ft [310 m] above river, Carriker, Feb. 1931 from 9,500-12,000 ft [2,900-3,660 m] to puna on ridge (ANSP, as "Aquimarca"); correct name is Auquimarca (Lamas, in litt.).

ARAMAYA, RÍO (IGM); see Amaya, Río.

ARANCOCHA (Taczanowski, 1874b:520); see Acaricocha.

ARANQUEDA (USBGN); see Araqueda.

ARAPA; Puno 1508/7007 (USBGN)
3,838 m (CNG); on Lago Arapa, ca. 30 km NW of Lago Titicaca (MHA); Ortiz de la Puente, Vellard, and Blancas, Feb. 1948, 3,900 m, open lake and cultivated fields (MHNJP); Brack Egg, 1970:203; collector ?, 3,900 m (M. Koepcke, 1958:141).

ARAQUEDA; Cajamarca 0740/7812 (USBGN as "Aranqueda")
ca. 2,500 m, ca. 17 km WSW of Cajabamba, left bank of Marañón drainage (MHA); Baer, 1900, at 2,700 m (Ménégaux, 1910b:319, as "Hacienda Araqueda"); Araqueda, La Libertad, Provincia de Vaurie, 1972:6; USBGN coordinates place this in Cajamarca, contra Vaurie; "Aranqueda" of USBGN is error (Lamas, in litt.).

ARENAL; Cajamarca ca. 0554/7842 (Vaurie, 1972:6)
Alt. ?; Jelski, Sztolcman, Dec. 1877 (Taczanowski, 1879:220).

ARENAS, RÍO (IGM); see Colorado, Río; Madre de Dios.

AREQUIPA; Arequipa 1624/7133 (USBGN)
2,335 m (CNG); W slope, Western Andes (MHA); Whitely, May-June 1867, at 7,800 ft [2,380 m] (Sclater & Salvin, 1867c:983); Whitely, Mar. 1867 (Sclater & Salvin, 1868b:568); Simons, May 1900, at 2,424 m (Chubb, 1919b:4); von Wedemeyer, Oct. 1955, at ca. 2,400 m (M. Koepcke, 1961a:27); M. Koepcke, Jan. 1956, at 2,200-2,300 m (M. Koepcke, 1959:246); Raimondi, Reineche (Vaurie, 1972:7); LSU party (LSUMZ); Hilda Heller, July 1958, at 8,000 ft [2,438 m], irrigated farm (MHNJP); Tate, June 1926 (Zimmer, 1931a:2); Carriker, a few miles below city at Tiabaya (Bond, 1945:17); collector ?, 10,070-11,500 ft [3,071-3,508 m], ca. 20 km E, and also on Nevado Chachani (MVZ); see, also, Misti, Volcán.

AREQUIPA, DEPARTAMENTO DE 1600/7215 (USBGN)
S Peru, bounded by Pacific on W, Ica, Ayacucho, Apurímac, and Cuzco on N, Puno on E, and Moquegua on SE (MAPA).

ARGAMA; Apurímac ca. 1338/7315 (FMNH)
Alt. ?; Andahuaylas [1339/7323 (USBGN)] area, Hocking, Villar, Jan. 1979 (FMNH).

- ARICA; Chile (formerly Peru)
Froben (Sclater & Salvin, 1871:568, as "Arica, Peru").
- ARICAPAMPA; La Libertad 0748/7743 (USBGN)
ca. 2,500 m, ca. 38 km E of Huamachuco, left bank of Río Marañón
drainage (IGM); collector ?, on road to Huamachuco, 22 km W, 3,550 m,
31 km W, 3,800 m (MVZ).
- ARICOMA, ABRA; Puno ca. 1417/6947 (IGM)
4,815 m, pass in Nevado Quenamari [= Nudo de Quenamari] ca. 30 km NE
of Crucero (IGM); Carriker, at 15,500 ft [4,730 m], May, 1931 (Bond,
1945:17); Carriker, 1932:1, as "Aricoma Pass"; Vaurie, 1972:7; 1431/6948
(Lamas, 1976:24); Brack Egg, 1969:28, as "Paso Aricoma"; Zimmer,
1952:20, as "Aricoma Pass."
- ARICOMA, LAGUNA DE; Puno ca. 1420/6949 (MHA)
ca. 4,500 m, near Cordillera Carabaya watershed, Titicaca drainage
(MHA); Simons, July 1900, 5,000 m (Chubb, 1919b:4); Carriker (Vaurie,
1972:7); collector ?, 14 mi [23 km] NE of Crucero, 15,000 ft [4,575 m]
(MVZ).
- ARICOMA PASS (Vaurie, 1972:7); see Aricoma, Abra.
- ARMAPUQUIO; Junín Not located
LSU party (LSUMZ).
- ARRIEROS, PAMPA DE; see Pampa de Arrieros.
- ASALAY; Puno Not located
Possibly = Azalaya, ca. 1407/6927, ca. 12 km downstream from Sandia
[1417/6926 (USBGN)] in Río Sandia Valley (IGM); Dorst, Nov. 1961, at
1,750 m, and on trail from Asalay to Sandia, Nov.-Dec. 1960 (Dorst,
1961:564).
- ASCOPE; La Libertad 0743/7907 (USBGN)
230 m (CNG); Río Chicama Valley (MHA); Hocking, Martínez, Sept. 1976
(FMNH).
- ASEACOCHA; Junín Not located
"Petit lac" in "highlands of Huaihuai," Tschudi, June 1840 (Tschudi, 1844-
1846:302); probably = Huascacocha, Laguna, ca. 1136/7608 (Lamas, in
litt.).
- ASERRADERO CONTINTENTAL Not located
Koepcke, June 1958 (MHNJP).
- ASIA; Lima 1247/7630 (USBGN)
46 m (CNG); on Panamerican Highway (MHA); LSU party, arid littoral
(LSUMZ); de Macedo, Nov. 1966, on coast (MHNJP).
- ASIA, ISLA DE; Lima ca. 1248/7638 (MHA)
Sea level, guano island, ca. 8 km from town of Asia (MHA); Ridoutt
(Vaurie, 1972:7, as "Asia Island"); Tovar, 1962-1965 (Tovar, 1969:527);

Coker, Dec. 1906-Aug. 1908 (Coker, 1920:511); Murphy, Dec. 1919 (Murphy, 1921:152); USBGN longitude of 7648 is incorrect.

ASILLO; Puno 1447/7021 (USBGN)
3,909 m (CNG); on Río Azángaro, Lago Titicaca drainage (MHA); on road over E cordillera, ca. 25 mi [40 km] from Tirapata, Carriker, at 13,500 ft [4,120 m], date ? (Bond, 1947a:127); Carriker, May 1931, on road between Tirapata [1457/7024 (USBGN)] and Asillo (ANSP); collector ?, 5 mi (8 km) S, 13,000 ft (3,965 m) (MVZ).

ASOLIS; Pasco ca. 1035/7515 (FMNH)
1,500 ft? [460 m?], small town N of Cacazú, on Río Cacazú, ca. 5 km above confluence with Río Palcazu, Hocking, May, June 1971 (FMNH).

ASTILLERO; Cuzco Not located
Chapman camp a short distance below Torontoy [ca. 1310/7230 (MHA)] on Río Urubamba, Chapman Expedition, July 1916 (Chapman, 1921b:19); Heller, June 1915, at 14,000 ft [4,270 m], above timberline (Chapman, 1919a:328).

ASTILLERO; Puno 1322/6937 (USBGN)
257 m (MHA); on upper Río Tambopata, on Puno/Madre de Dios border (IGM); Watkins, Jan. 1917 (M. Koepcke, 1961a:24).

ASTOBAMBA; Huancavelica 1255/7506 (USBGN)
ca. 4,000 m, ca. 20 km SSW of Huancavelica, Río Mantaro drainage (MHA); indian village in open puna, Morrison, Nov. 1937, at ca. 14,500 ft [4,420 m] (Morrison, 1939b:458).

ATAHUANCA, LAGUNA; Lima Not located
Probably near Pampa Atahuanca [1057/7738 (USBGN)]; near Huacho, Ortiz de la Puente, Sept. 1951 (MHNJP); Rosselló, Sept. 1951 (MHNJP).

ATICO; Arequipa 1614/7339 (USBGN)
75 m (CNG); coastal town on road to Caravelí (MHA); Fagan (Wetmore, 1923:171); Koepcke, Jan. 1956, at 420 m, 10 km SE of Atico (M. Koepcke, 1959:246); H.-W. Koepcke, 1961:27; Tovar, 1969:527; collector ?, 7 km S, 50 m (MVZ).

ATIQUIPA; Arequipa 1548/7422 (USBGN)
325 m (CNG); ca. 13 km NW Chala, near coast (MHA); Navarro Gasparetto (also cited as Navarro G.), Nov. 1959, near Chala [1552/7415 (USBGN)] (M. Koepcke, 1961a:8); Koepcke, Jan. 1956, at 450 m in woody fog vegetation (M. Koepcke, 1963b:3); Hocking, Mar. 1970 (FMNH); W. George, 13 km N of Chala, loma country at Panamerican Highway, Nov. 1962 (M. Koepcke, 1965:154); Ortiz de la Puente, Jan. 1952 at lomas near Chala (M. Koepcke, 1965:154); LSU party (LSUMZ); H.-W. Koepcke, 1961:27.

ATMÉN (Brack Egg, 1969:27); see Atuén.

ATOCONGO; Lima 1208/7656 (USBGN)
Alt. ?; ca. 10 km S of Lima (IGM); M. Koepcke, 1965:152; LSU party

(LSUMZ); Ortiz de la Puente, Apr. 1948, dry hills (MHNJP); H.-W. Koepcke, 1961:27; see, also, Atocongo, Lomas de.

ATOCONGO, LOMAS DE; Lima ca. 1205/7652 (Hocking)
300 m (MVZ); on mountains, E side of Atocongo, Hocking, Dec. 1972,
1,500 ft [450 m] (FMNH); SE Lima (MVZ); to 540 m (H.-W. Koepcke,
1961:27).

ATOJJA, CERRO; Puno 1554/6955 (USBGN)
Alt. ?; M. and H.-W. Koepcke, Feb.-Mar. 1953, at 3,820 m and 4,100 m,
near Chucuito (Sanft, 1973:422).

ATUÉN; Amazonas ca. 0645/7752 (Vaurie, 1972:7)
Alt. ?; cattle ranch near head of valley above Leimebamba, near crest
of Andes on W slope at timberline, Carriker, July 1932, 10,500 ft [3,202
m], also 12,000 ft [3,660 m] (Bond, 1945:17); Brack Egg, 1969:27, as
"Atmén."

AUAYACU (Vaurie, 1972:6); see Apayacu.

AULLÁN; Cajamarca ca. 0625/7853 (Vaurie, 1972:7)
7,000-7,500 ft [2,135-2,288 m], Sztolcman, on road from Callacate to
Cutervo (Taczanowski, 1884a:313).

AUQUIMARCA (Taczanowski, 1884a:72); see Aquimarco.

AUTISHA; Lima Not located
2,200 m, in Santa Eulalia Valley [1153/7640 (USBGN)], June 1953 (M.
Koepcke, 1958:162); H.-W. Koepcke, 1961:27.

AVIP, QUEBRADA; Piura 0605/8109 (USBGN)
Alt. ?; in Cerro Illescas, coastal promontory of S Piura, M. Koepcke,
July 1958 (M. Koepcke, 1963b:6); dry valley N of Punta Negra (H.-W.
Koepcke, 1961:27).

AYABACA; Piura 0438/7943 (USBGN)
2,709 m (CNG); upper Río Chira drainage (MHA); LSU party, Oct. 1977,
ca. 46 road km SW Ayabaca on Río Quiróz [0426/8018 (USBGN)],
disturbed tropical deciduous forest, ca. 0442/7952, at 700 m (LSUMZ).

AYACUCHO; Ayacucho 1307/7413 (USBGN)
2,746 m (CNG); Río Mantaro drainage (MHA); Hocking, Oct. 1970, at
13,000 ft? [3,970 m?], on altiplano between Ayacucho and Ocros (FMNH).

AYACUCHO, DEPARTAMENTO DE 1400/7400 (USBGN)
SW Peru, bounded by Cuzco and Apurímac on E, Arequipa on S, Ica and
Huancavelica on W, and Junín on N (MAPA); Jelski, Tschudi (Vaurie,
1972:7).

AYLLU DE CUPISCO (Dorst, 1957c:128); see Cupisco.

AYNAMAYO RIVER AND VALLEY (Vaurie, 1972:7); see Vítoc, Río.

AZUL, CORDILLERA

0900/7535 (USBGN)

To ca. 2,500 m, extends ca. 195 km between ca. 0830 and 0930, running NW-SE through San Martín, Ucayali, and Huánuco on E side of Río Huallaga (MHA); O'Neill, near Tingo María [0909/7556 (USBGN)], Sept. 1967, 1,600 m (MHNJP); Koepcke, at Tingo María, Feb. 1952 (MHNJP); Schunke, May 1947 (MHNJP); see, also, Boquerón del Padre Abad, Abra, and La Divisoria.

- BAGAZÁN; Amazonas** 0608/7726 (USBGN)
2,960 m, ca. 47 km N and E of Chachapoyas, left bank of Río Huallaga drainage (MHA); on Río Salas, Carriker at 10,400 ft [3,170 m], July 1932? (Bond, 1945:17, as "Bagazán, San Martín"); Watkins (Vaurie, 1972:7).
- BAGAZÁN; San Martín** (Bond, 1945:17); see Bagazán, Amazonas.
- BAGOTA** Not located
"Upper Ucayali"; Bartlett (Vaurie, 1972:7); variant Bogota.
- BAGUA; Amazonas** 0540/7831 (USBGN)
420 m (CNG); on Río Utcubamba, ca. 17 km S of confluence with right bank of Río Marañón (MHA as "Bagua Chica"); Dorst, Apr. 1955 (Dorst, 1957a:378), also as Bagua Chica; collector ?, 10 km WSW at 1,700 ft [519 m], 8 km WSW, 1,500 ft [458 m], 3 km WSW, 1,500 ft [458 m] (MVZ as "Bagua Chica" and Bagua").
- BAGUA CHICA** (Dorst, 1957a:377); see Bagua.
- BAGUA GRANDE; Amazonas** 0547/7826 (USBGN)
440 m (CNG); on Río Utcubamba, right bank Marañón drainage ca. 20 km SE Bagua (MHA); LSU party at 425-475 m in arid scrub S of Bagua Grande (LSUMZ); Hocking, Martínez, and Villar, Sept. 1975 at 1,400 ft [427 m], see, also, Hocking localities: Cajaruro, San José, San Juan, Buenos Aires, Monte Olivos, Bosque Udina; collector ?, 39 km S, 660 m (MVZ).
- BAJADA DE ACHAMAL, Amazonas** (Vaurie, 1972:7); see Cochamal.
- BALCEADERO; Cuzco** Not located
On Río Nushincato [1315/7034 (USBGN)], a Río Marcapata tributary (MHA); C. Kalinowski, Oct.-Nov. 1949 at 630 m (FMNH); should be Balseadero (Lamas, in litt.).
- BALLESTAS ISLANDS** (LSUMZ); see Las Ballestas.
- BALLESTAS, ISLAS** (Plenge, in litt.); see Las Ballestas.
- BALNEARIO DE JESÚS; Arequipa** ca. 1625/7125 (Lamas)
ca. 8 km E of Arequipa [1624/7133 (USBGN)] (Lamas, in litt.); Sanborn, May 1940, Dec. 1941 (FMNH).
- BALSA PORTO** (FMNH); see Balsapuerto.
- BALSAPUERTO; Loreto** 0550/7636 (USBGN)
220 m (CNG); village near Río Cachiyacu, a left bank tributary of Río Huallaga via Río Paranapura (MHA); Raimondi, "Balsapuerto and Xeberos" perhaps between Balsapuerto and Jeberos [0517/7613 (USBGN)] (Vaurie, 1972:7); Raimondi, Ridoutt, and Sztolcman (Vaurie, 1972:7); Osgood and Anderson, Aug. 1912 (FMNH), variant Balsa Porto; Raimondi (Taczanowski, 1886:97).

- BALSAS;** Amazonas 0650/7801 (USBGN)
854 m (CNG); town on right bank of Río Marañón (MHA); arid scrub, Km 404, Balsas-Leimebamba Road, LSU party (O'Neill & Parker, 1976:137); Osgood and Anderson, May 1912, at 1,000 ft [305 m] (FMNH); collector ?, 800 m (MVZ).
- BALSAS MTS.;** Amazonas ca. 0644/7750 (FMNH)
Small mountain chain on divide between Balsas and Leimebamba, Osgood and Anderson, May 1912, at 5,000-10,000 ft [1,525-3,050 m] (Cory, 1913:287).
- BALSEADERO** (Lamas, in litt.); see Balceadero.
- BALTA;** Loreto, now Ucayali ca. 1008/7113 (IGM)
ca. 300 m, a Cashinahua Indian village on Río Curanja, tributary of Río Alto Purús, O'Neill and Gardner, Jan., July year? (O'Neill & Gardner, 1974:700); O'Neill, at the point where streams locally known as the Xumuya and Inuya enter Río Curanja, Mar. 1965, July 1967, at ca. 300 m (Lowery & O'Neill, 1969:1); LSU party, June, July 1968, June-Aug. 1966, Sept. 1964, June, July 1963 (O'Neill, 1969:2).
- BALZA-PUERTO** (Vaurie, 1972:7); see Balsapuerto.
- BAMBAMARCA;** Cajamarca 0641/7832 (USBGN)
2,526 m (CNG); upper Río Llaucano, left bank of Río Marañón drainage (MHA); this is probably the Bambamarca of Sztolcman, contra Vaurie, who gives coordinates for the La Libertad Bambamarca; Vaurie, 1972:7; Sztolcman, 8,000 ft [2,440 m] (Taczanowski, 1886:52).
- BAMBAMARCA;** La Libertad 0724/7742 (USBGN)
3,525 m (CNG); MHA shows this in Cajamarca, but IGM places it in La Libertad, right bank Marañón drainage (MHA) (IGM); Carriker at 10,000 ft [3,950 m], near Callangate, date ? (Bond, 1947a:127).
- BANDERA CHAYOCC;** Ayacucho Not located
On trail from Río Apurímac at Luisiana [ca. 1239/7344 (IGM)], to Tambo [1256/7401 (USBGN)], Weske and Terborgh (LSUMZ).
- BAÑOS** (Vaurie, 1972:7); see Baños del Inca.
- BAÑOS** (Berlepsch & Sztolcman, 1896:324); see Baños, Tingo de.
- BAÑOS, TINGO DE;** Lima ca. 1114/7644 (MHA)
ca. 4,000 m, on Río Chancay, Pacific drainage (MHA); J. Kalinowski, near snow line, Apr. 1890 (Berlepsch & Sztolcman, 1896:324, as "Baños").
- BAÑOS DE JESÚS** (Vaurie, 1972:19); see Jesús.
- BAÑOS DEL INCA;** Cajamarca ca. 0710/7828 (Lamas)
2,667 m (CNG as "Los Baños del Inca"); on road from Cajamarca to Encañada (MAPA as "Los Baños del Inca"); Simons, Nov. 1898, 2,800 m (Chubb, 1919b:258); LSU party (LSUMZ).
- BARADERO** (USBGN); see Varadero.

- BARADERO, ISLA (MHA); see Varadero, Isla.
- BARANCO (Vaurie, 1972:7); see Barranco.
- BARBACAY; Ancash ca. 1000/7759 (IGM)
ca. 200 m (MHA); ca. 20 km E of Huarney on Río Huarney (IGM); LSU
party (LSUMZ).
- BARBACOPA; Piura Not located
LSU party (LSUMZ); probably = Barbacobas.
- BARBACOBAS; Piura Not located
Area near Angolo [ca. 0450/8045], q.v., M. Koepcke, Apr. 1956, 500-600
m, carob bean plantation (MHNJP); Markl, "Barbacova" to Mallares
[0451/8046 (USBGN)], Nov. 1963 (Sutter, in litt.).
- BARBACOVA (Sutter, in litt.); see Barbacobas.
- BARRANCA; Lima ca. 1045/7746 (H.-W. Koepcke)
49 m (CNG); just S of Paramonga (Plenge, in litt.); M. Koepcke,
1958:144; H.-W. Koepcke, 1961:27.
- BARRANCA; Loreto 0450/7642 (USBGN)
ca. 200 m, left bank of Río Marañón (MHA); Steere (Vaurie, 1972:7),
variant Barrancos.
- BARRANCO; Lima 1209/7702 (USBGN)
Section of Lima [1203/7703 (USBGN)]; Forbes (Vaurie, 1972:7, as
"Baranco"); collector ? (Zimmer, 1950e:27); H.-W. Koepcke, 1961:27.
- BARRANCOS (Vaurie, 1972:7); see Barranca; Loreto.
- BARRANCOS; Piura ca. 0410/8057 (MHA)
ca. 10 km from coast (MHA); collector ?, 11 km N and 28 km E of Cabo
Blanco [0419/8115 (USBGN)] (MVZ).
- BASHUIM; Amazonas ca. 0433/7816 (O'Neill)
Río Kangka [= Río Kagka] (O'Neill, 1969:9).
- BAY OF PARACA (Vaurie, 1972:25); see Paracas, Bahía de.
- BAYÓVAR; Piura 0550/8103 (USBGN)
Sea level town on bay of Sechura (IGM); collector ?, 11 km S, 11 km E,
200 ft [61 m] and 4 km SE, 100 ft [30 m] (MVZ).
- BEGUETA (Vaurie, 1972:34); see Végueta.
- BELLA PAMPA; Puno Not located
In Quitún valley, Río Quitún [1353/6941 (USBGN)], 1 mi [2 km] above Río
Inambari, Carriker collections from here labeled La Oroya [= Oroya],
Carriker, June 1931 (ANSP); collector ?, 16 mi [26 km] N, 2 mi [3 km]
E of Limbani, alt. ? (MVZ).

- BELLAVISTA;** Cajamarca 0537/7839 (USBGN)
421 m (CNG); left bank, upper Río Marañón (MHA); Noble, Aug.-Sept. 1916 (Bangs & Noble, 1918b:442, 444); Dorst, Mar.-Apr. 1955 at 441 m (Dorst, 1957a:377); Bangs & Noble (Vaurie, 1972:7); Bangs did not collect in Peru (Plenge, in litt.).
- BENDITO;** Tumbes ca. 0327/8021 (H.-W. Koepcke)
Canal in mangroves near Puerto Pizzaro (H.-W. Koepcke, 1961:27).
- BEQUETA** (Chapman, 1920:106); see Végueta.
- BERBENAPAMPA** (Lamas, in litt.); see Bervenapampa.
- BERMÚDEZ,** Junín; see Puerto Bermúdez.
- BERVENAPAMPA;** Huánuco ca. 0951/7605 (Lamas, in litt.)
12,000 ft [3,660 m], Pano region [0949/7600 (USBGN)], Río Santo Domingo watershed on trail from Pano to Pozuzo, Hocking, Aug. 1974 (FMNH); variants Vervenapampa, Berbenapampa.
- BETEL;** Amazonas ca. 0355/7745 (FMNH)
800 ft [244 m] (LSUMZ); on Río Santiago, ca. 10 km N of Puerto Galilea, Hocking, Mar., Dec. 1972, Jan., Mar. 1973 (FMNH).
- BIABO, RÍO;** San Martín 0658/7623 (USBGN)
Rises in S San Martín, flows NNE to right bank of Río Huallaga (IGM); Vaurie, 1972:7.
- BIGOTE;** Piura 0519/7948 (USBGN)
ca. 200 m, on Río Bigote, a Río Piura affluent (MHA); C. Kalinowski, Apr. 1954 (FMNH as "Hacienda Bigotes").
- BIRUNDO** (FMNH); see Virundo.
- BLANCA, ISLA;** Ica 1344/7619 (USBGN)
Guano island off coast; Coker, Dec. 1906-Aug. 1908 (Coker, 1920:511); Tovar, 1969:527.
- BLANCO, PAMPA;** Ica ca. 0610/7846 (Lamas, in litt.)
Pisco valley (Río Pisco [1334/7531 (USBGN)]), M. Koepcke, Nov. 1957 at 1,500-1,650 m, cactus community (M. Koepcke, 1961a:8); H.-W. Koepcke, 1961:33.
- BLANCO, RÍO;** Cuzco 1331/7230 (USBGN)
Rises ca. 1320/7225, flows SE to join Río Colorado (IGM); Hocking, May 1970 at 6,000 ft [1,830 m], mouth of river where road from Cuzco to Abancay crosses the Río Apurímac (FMNH).
- BLANCO, RÍO;** Loreto 0527/7347 (USBGN)
Rises near the Brazilian border, flows N and NW to join Río Tapiche, at ca. 0535/7354 according to IGM and contra USBGN; Tessmann (Vaurie, 1972:7).

- BLANCO, RÍO;** Madre de Dios 1222/7036 (USBGN)
Short river rising in hills, flowing NE to Río Madre de Dios, ca. 23 km down river from Manu (MAPA); Blake, at mouth and between mouth and Manu, Oct. 1958 (FMNH).
- BOCA AMIGOS (FMNH);** see Amigos, Río de Los.
- BOCA CHICA;** Lambayeque 0543/7950 (USBGN)
400 m, Robbins and Wiedenfeld, along the Río Limón, E of Hacienda Boca Chica, 22 km N of Olmos, July 1979 (Robbins and Wiedenfeld, 1982:83); the coordinates given by Robbins and Wiedenfeld, 0530/7943, are more than 50 km from Olmos [0559/7946 (USBGN)] and well into Piura; there is no Río Limón on any map, but there is a town of Limón at 0542/7945 (IGM), just east of Boca Chica.
- BOCA COLORADO (FMNH);** see Colorado, Río, Madre de Dios.
- BOCA DEL RÍO CURARAY (Plenge, in litt.);** see Curaray, Río.
- BOCAPÁN;** Tumbes 0342/8044 (USBGN)
Coastal town ca. 8 km S of Zorritos (IGM); M. Koepcke, Sept. 1950 (MHNJP); beach, dry river (H.-W. Koepcke, 1961:27).
- BOCAPÁN, QUEBRADA;** Tumbes Not located
50 ft [15 m] (MVZ); 6 km S and 4 km W of Zorritos [0340/8040 (USBGN)], collector ? (MVZ).
- BOGOTA (Vaurie, 1972:7);** see Bagota.
- BOLÍVAR;** Loreto ca. 0535/7440 (FMNH)
On Canal de Puinahua, Hocking, Nov. 1969 (FMNH).
- BOLÍVAR;** Loreto ca. 0600/7442 (FMNH)
400 ft [120 m], on Río Ucayali, S of junction with Canal de Puinahua, Hocking Nov. 1969 (FMNH); not to be confused with Bolívar, Loreto above.
- BOMBÓN, PAMPA DE;** Pasco ca. 1055/7619 (Lamas)
ca. 4,000 m, plain between Huayllay [1101/7621 (USBGN)] and Lago de Junín (Lamas, in litt.); Dorst, Dec. 1954 (Dorst, 1956b:266).
- BOMBONAJI;** Loreto ca. 0337/7304 (Hocking)
Near Iquitos on Río Bombonaji, right bank of Río Amazonas affluent, Hocking in lowland jungle that floods each year, Sept. 1972, Sept. 1973 (FMNH).
- BOQUERÓN DEL PADRE ABAD, ABRA;** Loreto, now Ucayali ca. 0910/7549 (Lamas)
500 m (Lamas, 1976:18); pass E of Ucayali/Huánuco border (IGM as "Abra Boquerón Padre Abad"); Hocking, Dec. 1963, Nov. 1964, Dec. 1966, July 1969, at 1,200-1,300 ft [366-397 m] (FMNH); LSU party in canyon on E slope of Cordillera Azul, wet upper tropical forest in areas where there is soil (LSUMZ).

BOQUERÓN PASS (FMNH); see Boquerón del Padre Abad, Abra.

BORGAÑO (Vaurie, 1972:7); see Borgoña.

BORGOÑA; Junín ca. 1105/7520 (Vaurie)
In valley of Chanchamayo, J. Kalinowski, Apr.-June 1891 at 2,600 ft [795 m] (Berlepsch & Sztolcman, 1896:325, 345); "forest of Borgoña or Borgia" (Vaurie, 1972:7).

BORÓ, LAGUNA; Lambayeque Not located
Reservoir 2-3 km from Chiclayo [0646/7951 (USBGN)], C. Prentice, May 1952 (MHNJP).

BOSQUE AMPAY; Apurímac ca. 1338/7257 (Hocking)
Large forest and brush area on mountains on NW side of Abancay, forest extends from 8,000 to 11,000 ft [2,440-3,355 m], Hocking, Sept. 1968, May 1970 at 9,000-10,000 ft [2,745-3,050 m], Mar. 1974 at Bosque Ampay and below at 8,000 ft [2,440 m] (Blake, 1971:179); Parker and Tallman, July 1974 (LSUMZ); Hocking, May 1975, 8,000-8,500 ft [2,440-2,593 m] (FMNH).

BOSQUE APUTINYE (LSUMZ); see Aputinye.

BOSQUE CAHUINCHO; Huánuco ca. 0943/7603 (LSUMZ)
Near crest of Carpish Cordillera, ca. 5 km NE of Acomayo, LSU party, June 1973, June 1974, Jan., June, July 1975 (Lowery & Tallman, 1976:421); see, also, Bosque Quiullacocha and Bosque Unchog.

BOSQUE CHINCHINGA; Huánuco ca. 0944/7600 (Hocking)
ca. 2-3 mi [3-5 km] NE of Acomayo in Carpish, Cordillera, at N end of Río Chinchinga, Hocking, Sept. 1966 (FMNH).

BOSQUE CHUCHUNPUNTA (FMNH); see Chuchunpunta.

BOSQUE CUTIRRAGRA; Huánuco Not located
S of Huaylaspampa [ca. 0942/7602] in Cordillera Carpish, O'Neill, July 1973 (MHNJP); Hocking, Nov. 1971 (MHNJP as "Cuterajara"); Hocking (FMNH); E. Tallman, July 1973 at ca. 2775 m (O'Neill & Parker, 1976:140).

BOSQUE DE CHINCHEROS; Apurímac ca. 1330/7345 (Hocking)
Forest near Chincheros, Hocking, Oct. 1970 at 9,500 ft [2,898 m] (FMNH).

BOSQUE DE JEBEROS (MHNJP); see Jeberos.

BOSQUE DE NAUPALLAGTA; Apurímac Not located
Hocking, July 1977 at 12,000 ft [3,658 m] (FMNH); probably E of Caraybamba [ca. 1423/7309] on road to Antabamba [1419/7255 (USBGN)].

BOSQUE DE PARIACHACA; Lima ca. 1141/7628 (Hocking)
Near Pariachaca [1141/7629 (USBGN)], upper Santa Eulalia Valley, Hocking, 13,000 ft [3,965 m], May 1981 (FMNH).

- BOSQUE DE PIEDRA; Pasco Not located
Near Huarón [1100/7625 (USBGN)], Dorst, Jan. 1955 (Dorst, 1956b:268, as "Bosque de Piedras"); Brack Egg, 1970:250.
- BOSQUE DE PIEDRAS (Dorst, 1956b:268); see BOSQUE DE PIEDRA.
- BOSQUE DE SURO (M. Koepcke, 1961a:11); see Sunchubamba.
- BOSQUE DE ZÁRATE (Lamas, in litt.); see Bosque Zárate.
- BOSQUE HUALLPARISH; Huánuco ca. 0947/7605 (Hocking)
Forest ENE of Acomayo, Hocking, Sept. 1966 at 9,200 ft [2,805 m] (FMNH).
- BOSQUE HUAYLASPAMPA (FMNH); see Huailaspampa.
- BOSQUE LLANCAMAGÓN; Huánuco ca. 0945/7605 (Hocking)
Forest near Acomayo and Pillao, Hocking, Sept. 1966, Dec. 1967 at 10,000 ft [3,050 m] (FMNH).
- BOSQUE MAGRAPAMPA Not located
In Cordillera Carpish [ca. 0940/7609], LSU party (O'Neill and Parker, 1976:137).
- BOSQUE MASCARRÓN (FMNH); see Mascarron.
- BOSQUE MILLPO; Amazonas ca. 0612/7735 (Hocking)
Near Molinopampa [0611/7737 (USBGN)] in forest near Bosque Tino, Hocking and Villar, Sept.-Oct. 1975 at 7,800 ft [2,380 m] (FMNH).
- BOSQUE NACIONAL DE IPARÍA; Huánuco ca. 0857/7448 (Plenge)
On Rio Pachitea across from mouth of Río Macuy [= Río Macuya, 0902/7448 (USBGN)], M. Koepcke, Aug. 1959 (MHNJP as "Iparía, Parque Nacional"); includes parts of provinces of Coronel Portillo, Loreto, and Pachitea (Plenge, in litt.).
- BOSQUE PARAGAY; Apurímac Not located
Near Piyai [1413/7241 (USBGN)], Hocking, Aug. 1977 at 11,000 ft [3,353 m] (FMNH).
- BOSQUE PINCOS (FMNH); see Pincos.
- BOSQUE QUISPIS MUNTE; Ancash Not located
LSU party (LSUMZ).
- BOSQUE QUIULLACocha; Huánuco ca. 0944/7606 (LSUMZ)
Near crest of Cordillera Carpish, ca. 10 km N of Acomayo, elfin forest, LSU party, June 1973, June 1974, Jan., June, July 1975 (Lowery & Tallman, 1976:421, 423); see, also, Bosque Cahuincho and Bosque Unchog.
- BOSQUE RUBIO; Huánuco ca. 0945/7605 (Hocking)
Forest area near Acomayo, visible from town, Hocking, Sept. 1966 at 8,300 ft [2,530 m] (FMNH).

BOSQUE SAN LUIS (FMNH); see San Luis.

BOSQUE SARIACANCHA; Huánuco ca. 0945/7605 (Hocking)
Near Acomayo, Hocking, Mar. 1975 at 10,000 ft [3,050 m] (FMNH).

BOSQUE TAPRAG; Huánuco ca. 0943/7604 (Hocking)
Subtropical forest NE of Acomayo in Cordillera Carpish, J. Clemente (for Hocking), Dec. 1965, Apr. 1966, and Hocking, Nov. 1965, Dec. 1967, July 1968, July 1969, June, Sept., Nov. 1972, June 1973 at 8,000-9,000 ft [2,440-2,745 m] (FMNH); E. Tallman, June 1973 at ca. 3,350 m (O'Neill & Parker, 1976:137); see, also, Taprag.

BOSQUE TINYO; Amazonas ca. 0611/7735 (Hocking)
Near Molinopampa, Hocking and Villar, in forest at highest place before the Chachapoyas road drops into Rodriguez de Mendoza valley, Sept.-Oct. 1975 at 7,800 ft [2,380 m] (FMNH); see, also, Bosque Millpo.

BOSQUE UDINA; Amazonas ca. 0537/7822 (Hocking)
Across river on mountain range facing Bagua Grande [0547/7826 (USBGN)], Hocking and Villar, Sept. 1975 at 5,000 ft [1,525 m] (FMNH).

BOSQUE UNCHOG; Huánuco ca. 0941/7607 (Lowery & Tallman)
ca. 3,592 m, elfin forest on pass between Churubamba and Hacienda Paty, ca. 14 km NNW of Acomayo, LSU party, June 1973, June 1974, Jan., June, July 1975 (Lowery & Tallman, 1976:415); see, also, Bosque Cahuincho and Bosque Quiullacocha.

BOSQUE ZAPATAGOGCHA (LSUMZ); see Bosque Zapatogocha.

BOSQUE ZAPATOGOGCHA; Huánuco ca. 0940/7603 (Hocking)
Subtropical forest, ca. 6 km NE of Acomayo, in Cordillera Carpish, Hocking, June-Oct. 1970, Sept.-Dec. 1972, Mar.-Apr., July 1974, Jan.-Aug. 1979, 9,000-10,000 ft [2,745-3,050 m] (FMNH); should be Bosque Zapatococha (Lamas, in litt.); collector ? (O'Neill and Parker, 1976:137); LSU party, 1973, 1974 (LSUMZ as "Bosque Zapatogocha").

BOSQUE ZÁRATE; Lima ca. 1153/7627 (Hocking)
Forest on mountains behind Surco, on Río San Bartolomé, Río Rímac Valley, Hocking, Nov. 1964, Nov. 1970, June 1979, 8,000-9,000 ft [2,440-2,745 m] (FMNH); collector ?, 6 mi [9 km] E of San Bartolomé, 9,000 ft [2,745 m], and ca. 12 km SE of San Bartolomé, 2,900 m (MVZ); humid temperate zone, M. Koepcke, 2,500-2,900 m, Aug. 1952, July, Oct., Dec. 1953, Mar.-May, Nov. 1954, Oct., Nov. 1955, Apr. 1956 (M. Koepcke, 1961a:13, as "Zárate"), also as Bosque de Zárate; H.-W. Koepcke, 1961:37, as "Zárate."

BOZA, LAGUNA DE; Lima ca. 1136/7712 (H.-W. Koepcke)
Freshwater pond near mouth of Río Chancay (H.-W. Koepcke, 1961:27).

BRANCO, RÍO; Loreto (Vaurie, 1972:7); see Blanco, Río.

BUENA VISTA; Huanuco Not located
On Río Chinchao, a few km above Vista Alegre [ca. 0931/7552], Heller, Sept. 1922 (FMNH).

BUENA VISTA; La Libertad (FMNH); see Hacienda Buenavista.

BUENOS AIRES; Amazonas ca. 0548/7823 (Hocking)
Above Cajaruru, across river on mountain range facing Bagua Grande,
Hocking, Aug., Nov. 1974 at 4,000 ft [1,220 m], Sept. 1975, June 1979 at
1,500-4,000 ft [458-1,220 m] (FMNH).

BUENOS AIRES; Piura 0515/7958 (USBGN)
135 m (CNG); near left bank of Río Piura (IGM); collector ?, 16 km E
at 150 m (MVZ).

BUJAMA (MHA); see Bujama Baja.

BUJAMA BAJA; Lima 1243/7639 (USBGN)
Sea level (MAPA, MHA as "Bujama"; IGM as "Bujama Bajo"); O'Neill and
Gochfeld, Aug. 1972 (Plenge, 1974:326); Short and Morony, late Aug.
1968, pasture and cultivated fields on edge of low, brushy woodland
(Short & Morony, 1969:114); S portion of Mala River valley, formerly
Prosopis but in 1978 all *Prosopis* gone, LSU party (LSUMZ).

BUJAMA BAJO (IGM); see Bujama Baja.

BULDIBUYO; La Libertad 0807/7722 (USBGN)
3,162 m (CNG); ca. 30 km NW of Tayabamba (IGM); Montifor, Nov. 1955,
small forest at 3,300-3,500 m (MHNJP as "Bultibuyo").

BULTIBUYO (MHNJP); see Buldibuyo.

- CABACHE;** Lambayeque ca. 0633/7915 (CN)
On upper Río Camellón, ca. 14 km NE of Chongoyape (CN as "Cavache"),
C. Kalinowski, Mar. 1954 (FMNH).
- CABALLOCOCHA;** Loreto 0354/7032 (USBGN)
ca. 100 m, right bank of Río Amazonas (MHA as "Caballo-Cocha");
Castelnau (Vaurie, 1972:8); MHA places at ca. 0343/7027, but IGM agrees
with USBGN; Lamas, 1976:18; variants Cavallo Cocho, Caballo-Coche.
- CABALLO-COCHA** (Vaurie, 1972:8); see Caballococha.
- CABEZA DE LAGARTO** (Vaurie, 1972:8); see Cabeza Lagarto, Punta.
- CABEZA LAGARTO, PUNTA;** Ancash 1007/7812 (USBGN)
Sea level, point S and W of Huarmey (MHA); Vaurie, 1972:8, as "Cabeza
de Lagarto"; Fagan, June, Aug., Sept. 1922 (Wetmore, 1922:170, as
"Lagarto Head").
- CABICO;** Cajamarca ca. 0556/7851 (MHA)
ca. 800 m, ca. 3 km WSW of Pimpingos on Río Chamaya, left bank of
Río Marañón drainage (MHA); Watkins, Sept. 1924 at 2,100 ft [640 m] (M.
Koeppcke, 1961a:25); Vaurie, 1972:8.
- CABILLITOS;** Pasco ca. 1041/7504 (Hocking)
Highest point on road from Villa Rica [1043/7517 (USBGN)] to Cacazú
[ca. 1038/7507], Hocking, Dec. 1970 at 6,000 ft [1,830 m] (FMNH).
- CABO BLANCO;** Piura 0419/8115 (USBGN)
Sea level (MHA); ca. 40 km NNE of Talara, arid littoral, LSU party
(LSUMZ); H.-W. Koeppcke, 1961:27; collector ?, 11 km N and 28 km E
(MVZ); Traylor, offshore, Feb. 1941 (FMNH); Tallman, Oct. 1973 (Graves,
1981:76).
- CABO VERDE;** Lambayeque/Piura ca. 0622/8037 (H.-W. Koeppcke)
Coastal point of land on border of Lambayeque and Piura (IGM); H.-W.
Koeppcke, 1961:27.
- CABRERÍA;** Arequipa ca. 1616/7131 (Lamas, in litt.)
"Volcán Chachani" (= Nevados Chachani [1612/7133 (USBGN)]), Koeppcke,
Jan. 1956, cultivated fields with quíñua (MHNJP); west side of Nevados
Chachani, ca. 3,400 m, cactus, shrubs (H.-W. Koeppcke, 1961:27).
- CACACHARA;** Moquegua ca. 1641/7004 (Plenge)
4,633 m, uninhabited valley in upper drainage of Río Coralaeque, Pearson,
Dec. 1939, Jan. 1940, Aug.-Dec. 1946 (Plenge, 1982:169).
- CACAS** (Vaurie, 1972:8); see San Pedro de Cajas.
- CACAZÚ;** Pasco ca. 1038/7507 (Hocking)
ca. 3,000 ft [915 m], on headwaters of Río Cacazú, an affluent of Río
Palcazu, ca. 18 km NE of Villa Rica, Hocking, July 1968-Oct. 1975,
3,000-4,000 ft [915-1,220 m], also at Cacazú Mountain, Jan. 1974 at
5,000 ft [1,525 m] and at headwaters, 6,000 ft [1,830 m], Jan. 1971,
Lopez for Hocking, May 1971, 3,000 ft [915 m] (FMNH).

- CACAZÚ, RÍO;** Pasco ca. 1019/7505 (Hocking)
Rises near Pasco/Junín border at ca. 1042/7507 and flows N to join Río Palcazu, Hocking, Sept. 1968, Aug. 1969, Mar. 1970 at 6,000 ft [1,830 m] and Jan. 1973 near headwaters (FMNH).
- CACCACHARA;** Puno Not located
Collector ?, at 15,200 ft [4,636 m] (MVZ); probably = Cacachara, Moquegua.
- CACHENDO;** Arequipa 1659/7148 (USBGN)
991 m, railroad station ca. 25 km E of Mollendo (MHA); Watkins (Vaurie, 1972:8); "loma near Cachendo" (Brack Egg, 1970:251).
- CACHIYAQUILLO** (Lamas); see La Merced de Cachiyaquillo.
- CACHUI;** Lima ca. 1247/7553 (MAPA)
Upper Río Cañete (MAPA, as "Cachuy"); M. Koepcke, Dec. 1955 at 2,500 m (M. Koepcke, 1961a:27); ca. 3000 m, deciduous evergreen "Busch steppe" (H.-W. Koepcke, 1961:27).
- CACHUPATA;** Cuzco ca. 1317/7122 (MHA)
3,083 m, Madre de Dios drainage, ca. 32 km E of Paucartambo (MHA); at commencement of E wooded region, Carriker, 11,000 ft [3,355 m], date ? (Bond, 1947a:127); Whitely, May-July 1871 and Apr. 1873 at 11,000 ft [3,555 m] (Sclater & Salvin, 1873a:185, as "Ccachipata"; Sclater & Salvin, 1879:425, as "Khachupata"); Crequí-Montfort expedition (Méné-gaux, 1909:208, as "Ccachupata, Bolivia"); Cory, Raimondi (Vaurie, 1972:8), variants Cchachupata, Chachupata, Khachupata; Cory did not collect in Peru (Plenge, in litt.).
- CACHUY** (MAPA); see Cachui.
- CACO, RÍO;** Loreto, now Ucayali ca. 0915/7430 (Hocking)
Tributary of Río Ucayali, in vicinity of Las Tres Grandes Islas de Ipariá, Hocking, month ?, 1957 on lower Río Caco (FMNH).
- CADENA;** Cuzco 1324/7043 (USBGN)
ca. 1,000 m, in Río Marcapata valley (IGM, at ca. 1318/7050); Kalinowski's farm, usually called Hacienda Cadena in the literature, C. Kalinowski, 1948-1960 at altitudes from 680-1,800 m, usually 1,000 m (FMNH; Conover, 1949:263; Traylor, 1952:19, as "Hacienda Cadena"); Vaurie mistakenly gives Traylor as collector, should be C. Kalinowski (Vaurie, 1972:15, as "Hacienda Cadena"); Blake, 1961:573.
- CADENA, RÍO;** Cuzco Not located
ca. 1,010 m, tributary to left bank of Río Marcapata (Dicc. Geogr.); mouth probably at Cadena [1324/7043 (USBGN)]; J. Kalinowski, Oct.-Dec. 1898 and 1902 (Berlepsch & Sztolcman, 1906:105).
- CAHUAPANAS;** Loreto 0515/7659 (USBGN)
168 m (CNG); on Río Cahuapanas (MHA); collector ? (FMNH).
- CAHUAPANAS, RÍO;** Loreto 0454/7640 (USBGN)
Rises near San Martín border, flows N and NE to join right bank of Río

Marañón (MHA, MAPA); Schunke, "middle of river" (Vaurie, 1972:8); collector ?, at mouth (Zimmer, 1947a:7).

CAHUARMAYO (Vaurie, 1972:8); see Carhuamayo.

CAHUL TUNNEL; Ancash Not located
Collector ?, 6 mi [10 km] WSW of Cahul Tunnel, at 13,000 ft [3,965 m] (MVZ).

CAILLOMA; Arequipa 1512/7146 (USBGN)
4,319 m (CNG, as "Caylloma"); near headwaters of Río Apurímac (MHA); Simons, June 1900 at 4,300 m (Chubb, 1919b:4, as "Caylloma"); Sanborn and Schmidt, Aug.-Sept. 1939 at 14,500 ft [4,425 m] at and near Cailloma (FMNH); Vaurie, 1972:8, variant Coilloma.

CAINA (MHA); see Cayna.

CAJABAMBA; Cajamarca 0737/7803 (USBGN)
2,654 (CNG); left bank of Río Marañón drainage (MHA); Carriker at 9,500-10,000 ft [2,900 m-3,050 m], Aug. 1933? (Bond, 1945:18); high, bare plateau, Baer, 1900-1901 at 3,000 m (Ménégaux, 1910b:319); Baron, Jan., Apr. 1894 at 8,000-9,000 ft [2,440-2,745 m] (Salvin, 1895:1); Baron, Jan. 1895 (FMNH); Vaurie, 1972:8, variants Cojabamba, Cojobamba.

CAJABAMBA, PROVINCIA DE; Cajamarca 0730/7810 (USBGN)
"Province of Cajambamba and Otusco" [= Otuzco, 0754/7835 (USBGN)], general region (Vaurie, 1972:8).

CAJACAY; Ancash 1010/7726 (USBGN)
2,599 (CNG); on upper Río de la Fortaleza (MHA); Raimondi (Taczanowski, 1883:70); Plenge, 1979:8.

CAJAMARCA; Cajamarca 0710/7831 (USBGN)
2,720 m (CNG); capital city of department on Río Cajamarca, left bank of Río Marañón drainage (MHA); Simons, Nov. 1899 at 2,800 m and at paramo, 4,000 m (Chubb, 1919b:3); Baron, Jan., May, 1894, June 1895 at 10,000 ft [3,050 m] (Salvin, 1895:1; Zimmer, 1936a:16); Baron, at Hacienda Santa Ursula near Cajamarca (Baron, 1897:2); Osgood and Anderson, Apr. 1912 ca. 9,000 ft [2,745 m] (Cory, 1913:292); at and near Cajamarca at wide range of altitudes, Jelski, Sztolcman, Steere (Vaurie, 1972:8); LSU party at Km 9 on road to Cajamarca (LSUMZ); Steere (Sclater & Salvin, 1878:139, as "Caxamarca"); collector ?, 29 km NE, 3,600 m and 35 mi [56 km] WNW, 6,000 ft [1,830 m] (MVZ).

CAJAMARCA, DEPARTAMENTO DE 0615/7850 (USBGN)
NW Peru, bounded by Ecuador on N, Amazonas on E, La Libertad on S, and Lambayeque and Piura on W (MAPA).

CAJAMARQUILLA, Junín (Vaurie, 1972:8); see Cajamarquilla, Pasco.

CAJAMARQUILLA; Ancash 0938/7745 (USBGN)
3,514 m (CNG); on upper Río Vado (IGM); puna area, dry open grassy

vegetation, 4,050 m, Vuilleumier, Nov. 1975 (Vuilleumier and Simberloff, 1980:242).

- CAJAMARQUILLA; La Libertad 0718/7748 (USBGN)
3,205 m (Bond, 1945:18); near right bank of Río Marañón (MHA); marks beginning of woodlands on W slope of E cordillera (Carriker, 1933:8); Carriker, at 10,500 ft [3,205 m] (Bond, 1945:18, as "Cajamarquilla in Cajamarca"); USBGN states that this is now "Bolívar", but Bolívar of CNG and IGM is at 0709/7742.
- CAJAMARQUILLA; Lima ca. 1200/7653 (Vaurie)
1,000 ft [305 m] arid tropical, Inca ruins 10 mi [16 km] NE of Lima in Rímac valley, Griswold, Feb., Apr. 1939 (Peters & Griswold, 1943:282); Vaurie, 1972:8; LSU party (LSUMZ).
- CAJAMARQUILLA; Pasco 1030/7607 (USBGN)
ca. 3,000 m, right bank of Río Huallaga, ca. 23 km NE of Cerro de Pasco (MHA); "Cajamarquilla, Junín, Ajasson" (Vaurie, 1972:8); department should be Pasco and collector Ajassou, contra Vaurie (Schulenberg and Plenge, 1980:148).
- CAJARURO; Amazonas ca. 0545/7824 (IGM)
550 m (CNG); on Río Utcubamba, ca. 3 km across and upriver from Bagua Grande (IGM); Hocking, Sept. 1975 at 1,500 ft [460 m] (FMNH).
- CALAMACHAY (Berlepsch & Sztolcman, 1902:34); see Culumachay.
- CALANA; Tacna 1756/7012 (USBGN)
875 m (CNG); ca. 12 km NE of Tacna (MHA); collector ? (FMNH).
- CALANUDOS VALLEY (Vaurie, 1972:8); see Catarindos, Quebrada.
- CALCA; Cuzco 1320/7157 (USBGN)
2,928 m (CNG); town in Río Urubamba valley, ca. 15 km below Pisac (MHA); junction of arid temperate and puna zones, Watkins, Apr. 1917 at 9,957 ft [3,035 m] (Chapman, 1921b:15).
- CALCAFISCO; Cuzco Not located
C. Kalinowski, Jan. 1961, 2,950 m (MHNJP).
- CALETA DE SAMA; Tacna 1759/7053 (USBGN)
Area ca. 55 km SE of Punta Coles (MHA); guano area (Tovar, 1969:546, as "Morro Sama" and "Morro de Sama"); collector ? (MVZ as "Moro Sama"); variant Caleta el Morro (IGM).
- CALETA EL MORRO (IGM); see Caleta de Sama.
- CALETA GRAU; Tumbes 0340/8039 (USBGN)
Sea level, ca. 22 km SW of Tumbes (MHA); Baer (Vaurie, 1972:8); Zimmer, 1942d:15, as "Grau"; Baer, 1898 (Simons, 1901:202, as "Grao."
- CALETA MÁNCORA (Vaurie, 1972:8); see Máncora.

- CALLACALLA; Amazonas Not located
 30 km from Leymebamba [= Leimebamba, 0641/7747 (USBGN)] on
 highway to Balsas [0650/7801 (USBGN)], Ruschi, Nov. 1962 (MHNJP); see
 Callacalla, Cerros de.
- CALLACALLA, CERROS DE; Amazonas/San Martín 0655/7745 (USBGN)
 Mountain chain E of Río Marañón (MHA); Ruschi, 1962 at 3,700 m
 (Ruschi, 1964:1); collector ?, 18 km W of Leimebamba, 3,100 m (MVZ).
- CALLACATE; Cajamarca ca. 0625/7856 (Vaurie)
 Sztolcman, ca. 4,800-5,200 ft [1,465-1,585 m], Río Chota [= Río Chotano]
 valley, ca. 12 km from Cutervo N of Chota, Mar.-June 1879 (Tac-
 zanowski, 1880:189); Jelski (Vaurie, 1972:8).
- CALLAHUANCA; Lima ca. 1145/7636 (Vaurie)
 1,761 m (CNG); Griswold, 5,000 ft [1,525 m], arid, tropical, 42 mi [68
 km] NE of Lima in Santa Eulalia valley, Feb. 1939 (Peters & Griswold,
 1943:282); Vaurie, 1972:8.
- CALLAHUATE Not located
 Baer's native collectors (Vaurie, 1972:8).
- CALLAN; Ancash Not located
 Collector ?; 2 km S and 11 km W of Huaraz [= Huarás, 0932/7732
 (USBGN)], 13,000 ft [3,965 m] (MVZ); perhaps = Callan, Paso de [0929/
 7743 (USBGN)].
- CALLANGA; Cuzco ca. 1259/7113 (Lamas)
 1,500 m, Garlepp (Lamas, 1976:18); Vaurie, 1972:8.
- CALLANGA, RÍO; Madre de Dios 1251/7131 (USBGN)
 ca. 2,000 m, left bank tributary of Río Piñipiñi (IGM) (Vaurie, 1972:8).
- CALLANGATE (Bond, 1945:18); see Tambo de Callangate.
- CALLAO; Lima 1204/7709 (USBGN)
 7 m (CNG); port of entry to Lima (MHA); Nation, 1866-1867 (Sclater,
 1867:344); Anderson, Mar.-Apr. 1914 (FMNH); Sanborn, July 1924, 5 mi
 [8 km] offshore and 50 mi [81 km] N offshore (FMNH); J. Kalinowski,
 Nov. 1889 (Berlepsch & Sztolcman, 1892:383); Simons, Jan. 1900 at 8 m
 (Chubb, 1919b:4); Garnot, Feb.-Mar. 1823 (Lesson & Garnot, 1826:246);
 Koepcke, June 1959 (Koepcke, 1961a:27); Badaracco, Oct. 1927, edge of
 sea (MHNJP); H.-W. Koepcke, 1961:28; Twomey, Feb. 1939 (Trimble,
 1943:411); see, also, Callao Bay.
- CALLAO BAY; Lima ca. 1204/7709 (Vaurie)
 MacFarlane, Nov. 1883 (MacFarlane, 1887:204); Markham, Aug.-Sept.,
 Dec. 1881 (Saunders, 1882:520); Callao and Callao Bay, Kalinowski,
 Steere, Raimondi, Darwin, Gould, Nation, Stübel, Seabohn (Seeböhm?),
 Simms, Jelski, Junup (Vaurie, 1972:8); Gould and Seabohn (= Seeböhm)
 were probably never in Peru contra Vaurie (Plenge, in litt.).
- CALLAO ISLANDS; Lima ca. 1206/7712 (MHA)
 Collector ? (Vaurie, 1972:8).

- CALLARÍA;** Loreto, now Ucayali ca. 0801/7435 (Lamas)
154 m (CNG); Lamas, 1976:18, also lists variant Cayaría; may = FMNH
locality, Calleria.
- CALLARÍA, RIO;** Loreto, now Ucayali 0808/7435 (USBGN)
Flows W from Brazilian border to confluence with Río Ucayali, right
bank (MAPA); floodplain, bushes and tall grass along river 20-30 mi [32-
48 km] upstream from mouth (Diamond & Terborgh, 1967:273); LSU party
in tropical forest at ca. 150 m at 0800/7447 [?] (LSUMZ).
- CALLEJÓN DE OYÓN (MHNJP);** see Oyón.
- CALLEJÓN DE YANGANCO (MHNJP);** see Quebrada de Llanganuco.
- CALLEJÓN LLANGANUCO (MHNJP);** see Quebrada de Llanganuco.
- CALLERIA** Not located
(FMNH), possibly = Callaría; no date or collector.
- CAMACHURROS (Vaurie, 1972:8);** see San Juan de Camachuros.
- CAMANÁ;** Arequipa 1637/7242 (USBGN)
12 m (CNG); S of mouth of Río de Majes (same as Río Camaná) (MHA);
Córdova, Aug. 1969 at Hacienda Pucchún, dunes (MHNJP); Hocking, Jan.
1972, Jan. 1973, around mouth of Río Camaná (FMNH); H.-W. Koepcke,
1961:28, longitude 7743, typo for 7243.
- CAMBASE (Lamas, 1976:18);** see San Antonio de Cumbasa.
- CAMINO AL PICHIS (Lamas, 1976:18);** see Pichis Trail.
- CAMISEA;** Cuzco 1146/7300 (IGM)
Village on Río Urubamba at the mouth of Río Camisea (IGM); MAPA,
IGM, and LSUMZ give coordinates as above, contra USBGN; lowland
tropical forest, hilly, LSU party (LSUMZ).
- CAMP I;** Puno Not located
Below Limbani [1408/6942 (USBGN)], SE Peru, Watkins, Mar. 1917
(Zimmer, 1936c:8); Vaurie, 1972:8.
- CAMPANQUIS, CERROS;** Amazonas/Loreto 0430/7740 (USBGN)
To ca. 1,000 m, N/S running hills where Río Marañón cuts through
Cordillera Central (MHA); LSU party, Sept. 1979-Feb. 1980 on W slope
Río Nieva drainage (LSUMZ); should be Cerros Campanquiz contra
USBGN (Lamas, in litt.).
- CAMPO VERDE;** Tumbes ca. 0351/8012 (LSUMZ)
Near crest of main ridge in Bosque Nacional de Tumbes, SE of Tumbes
on Ecuador border, humid, semi-deciduous, subtropical forest, LSU party,
June 1979, 750 m (LSUMZ).
- CAMUCHEROS, LAGO;** Loreto ca. 0353/7052 (MHA)
ca. 1,000 m, small lake on right bank of Río Amazonas, ca. 16 km E of
San Pablo de Loreto (MHA); (FMNH), variants Comucero, Comucheras.

- CANÑA-CANÑA; Ayacucho 1425/7448 (USBGN)
Near Ocaña, Hocking, Aug. 1970 at 10,000 ft [3,050 m] (FMNH).
- CANÑACMAC, SALINAS DE; Lambayeque ca. 0620/8030 (H.-W. Koepcke)
Salt lagoon in desert behind Cabo Verde (H.-W. Koepcke, 1961:28).
- CANAL DE PUINAHUA; see Puinahua, Canal de.
- CANÑAS; Piura 0441/8045 (USBGN)
LSU party (LSUMZ).
- CANCAS; Tumbes 0358/8058 (USBGN)
Coastal town, ca. 20 km NE of Máncora (IGM); Ortiz de la Puente, May 1951 (MHNJP); H.-W. Koepcke, 1961:28.
- CANCHACSO Not located
Kalinowski (Vaurie, 1972:8); variant Canchaeso; probably = Canchasco, q.v.
- CANCHAESO (Vaurie, 1972:8); see Canchacso.
- CANCHAHUAYA, QUEBRADA; Loreto, now Ucayali ca. 0658/7459 (MHA)
ca. 200 m, right bank tributary to Río Ucayali (MHA); Vaurie's longitude, 7548, is an error (Vaurie, 1972:8).
- CANCHAILLO; Cuzco ca. 1307/7222 (Parker & O'Neill)
3,260 m, ca. 14 km by road NW of Abra Málaga, q.v., in Río Urubamba valley, LSU party, July-Sept. 1974, upper humid temperate zone, cloud forest, puna zone grassland and *Polylepis-Gynoxys* woodland from 2,800-3,960 m (Parker & O'Neill, 1980:167); variant Canchailloc.
- CANCHAILLOC (Parker & O'Neill, 1980:167); see Canchaillo.
- CANCHAQUE; Piura 0524/7936 (USBGN)
1,198 m (CNG); ca. 22 km SW Huancabamba (MHA as "Canchaqui"); C. Kalinowski, May 1954 (FMNH); Lamas, 1976:18, also as "Chanchaque"; collector ?, 6.4 road mi [10 km] E, 8,500 ft [2,593 m], and 10 km W at 850 m (MVZ); junction of seasonally dry forest and humid subtropical forest, LSU party (LSUMZ); 15 km above Canchaque on road to Huancabamba, Parker, Nov.-Dec. 1974, ca. 6,000 ft [1,830 m] (LSUMZ); M. Koepcke, 1,750-1,800 m, May 1956 (Schulenberg and Parker, 1981:213); Markl, Sept. 1957 (Sutter, in litt.); see, also, Morropón.
- CANCHAQUI (MHA); see Canchaque.
- CANCHASCO; Junín Not located
"Must be at high elevation because of presence of *Cinclodes rivularis*" (= *C. fuscus*), J. Kalinowski, May, July 1893 (Berlepsch & Sztolcman, 1896:324).
- CANCHERO, QUEBRADA; Arequipa ca. 1612/7133 (H.-W. Koepcke)
On Volcán Chachani [= Nevado Chachani] (M. Koepcke, 1965:160); M. Koepcke, Jan. 1956, *Polylepis* community (MHNJP); W side of volcano, 3,700-4,100 m, "*Polylepis-Buschsteppe*" (H.-W. Koepcke, 1961:28).

CANCHINA; Huancavelica ca. 1321/7528 (H.-W. Koepcke)
Near Ticarpo [= Ticipo, 1321/7525 (USBGN)], upper Pisco valley, M.
Koepcke, Nov. 1957 at 2,470 m (M. Koepcke, 1961a:4); 2,500-3,000 m,
evergreen, light temperate forest (H.-W. Koepcke, 1961:28).

CANDAMO; Puno 1331/6941 (USBGN)
302 m (MHA); on Río West, tributary of Río Tambopata, ca. 15 km S of
Puno/Madre de Dios border (MAPA); Watkins, Nov.-Dec. 1916 (Chapman,
1919a:332); Sanborn, Oct. 1941 (FMNH), variant Condamo.

CANDARAVE Not located
Believed to be in Junín, although the phrase "Between Huancayo and
Cordillera de Huancatango" (Taczanowski, 1884b:113), quoted by Vaurie,
1972:8, refers to a different locality. There are three *Raimondi*
Cinclodes fuscus in MHNJP, from Morococha [1137/7609 (USBGN)],
"between Huancayo [1204/7514 (USBGN)] and Cordillera de Huaman-
tanga" [= Cordillera de Huaritanga, 1201/7504 (Lamas, in litt.)], and
Camdarave, with collector's numbers #81, 125, and 130 respectively.
There is also a *Myiozetetes similis* from Candarave, #85. Although
Lamas, in litt., states that *Raimondi's* Candarave is the one in Tacna
[1716/7015 (USBGN)], that would be an almost impossible locality for
Myiozetetes similis.

CANDIVILLA (Vaurie, 1972:9); see Hacienda Caudivilla.

CAÑETE (Plenge, 1974:326); see San Vicente de Cañete.

CANEVARO PENINSULA Not located
Probably a peninsula on Lobos de Tierra, Isla [0627/8052 (USBGN)] off
the Lambayeque coast; Forbes, 1912, 1913, "Lobos de Tierra" (Forbes,
1914:413).

CANOAS; Tumbes 0355/8054 (USBGN)
Town on coast SW of Tumbes (MAPA); Ortiz de la Puente (Vaurie,
1972:9); Ridgely, N, Sept. 1976 (Schulenberg & Parker, 1981:210).

CAÑÓN DE HUARACONDO (Brack Egg, 1969:3); see Huaracundo Canyon.

CANTA; Lima 1125/7638 (USBGN)
2,819 m (CNG); Río Chillón valley (MHA); Dorst, Dec. 1954, Jan. 1955,
3,200-3,500 m, near Canta and on road from Canta to Col de la Viudad
[= La Viuda] (Dorst, 1956b:271); M. Koepcke, Aug. 1953, near Canta at
2,800 m (Sanft, 1973:411); Ortiz de la Puente, July 1951 (MHNJP);
Carriker (Vaurie, 1972:9).

CÁPAC, LOMAS; Arequipa Not located
Near Chala [1552/7416 (USBGN)], W. Weyrauch, Dec. 1951 at 200 m (M.
Koepcke, 1965:154); M. Koepcke, Aug. 1956, Ortiz de la Puente, Jan.
1952 (MHNJP).

CAPACHICA; Puno 1538/6949 (USBGN)
ca. 3,500 m, on peninsula in Lago Titicaca (MHA); collector ?, 19 mi [30
km] NE of Puno, 12,500 ft [3,813 m] (MVZ).

- CAPANA; Cuzco 1328/7125 (USBGN)
Near Ocongate, high inter-montane valley of Río Paucartambo, C. Kalinowski, July-Aug. 1949 at 3,500-4,000 m (FMNH as "Hacienda Capana" or "Hacienda Ccapana").
- CAPANAHUA, RÍO; Loreto 0616/7331 (USBGN)
Left bank affluent of Río Blanco (MAPA); Tessmann (Vaurie, 1972:9); Vaurie's coordinates, ca. 0605/7357, are wrong.
- CAPAZO; Puno 1711/6946 (USBGN)
ca. 4 km NNE of Challapalca (MAPA); O. Pearson, 3.2 km NE, Apr. 1974 (Plenge, 1982:170).
- CAPAZO, PAMPA DE; Puno ca. 1710/6944 (Plenge)
4,359 m, plain near Capazo [1711/6946 (USBGN)] on Tacna-Ilave road, 5 km NE of Challapalca, Pearson, Feb., Apr. 1952 (Plenge, 1982:169).
- CAPIANILLA Not located
Carriker ? (Bond, 1947a:147).
- CAPILLACocha; Pasco (probably Huánuco) Not located
Near Patarcocha, Laguna [1023/7644 (USBGN)], Ortiz de la Puente, May 1948 at 4,200 m, high grass at edge of lake (MHNJP); M. Koepcke, 1958:156.
- CAPILLAOG (FMNH); see Capillayoc.
- CAPILLAYOC; Huánuco ca. 0944/7605 (Hocking)
Carpish Cordillera, ca. 5 km NE of Acomayo and ca. 5 km SE of Carpish Paso, subtropical forest, Hocking, Sept. 1966, Sept. 1970 at 8,300 ft [2,530 m] (FMNH), left bank Huallaga drainage; variants Capillaog and Capillayog.
- CAPILLAYOG (Lamas, in litt.); see Capillayoc.
- CAPITANA (LSUMZ); see La Capitana.
- CAPÓN, BOCA DE (H.-W. Koepcke, 1961:28); see Capones, Boca de.
- CAPONES, BOCA DE; Tumbes 0324/8020 (USBGN)
Bay near mouth of Río Zarumilla (IGM); mangroves (H.-W. Koepcke, 1961:28, as "Capón, Boca de").
- CAQUI Not located
Collector ?, June 1952 (MHNJP).
- CARABAIO Not located
No data, spelling probably incorrect (Vaurie, 1972:9); probably error for Carabaylo.
- CARABAYA (Taczanowski, 1884b:399); see Carabaya, Provincia de.
- CARABAYA, CORDILLERA DE; Puno 1350/7045 (USBGN)
"Amazonian slope of Sierra de Carabaya, near Macusani" [1405/7026]

(USBGN)] (Vaurie, 1972:9); H. Watkins and C. Watkins, 1912, 1913, Amazonian slope between Yahuar Mayo and San Gabán (Seilern, 1936:33); see, also, Carabaya, Provincia de.

CARABAYA, PROVINCIA DE; Puno 1350/7015 (USBGN)
Province in N Puno, Macusani is the capital (MAPA); Raimondi, "bosques de Carabaya," and Raimondi and Whitely, "district of Carabaya" (Vaurie, 1972:9); "district" probably = province; Raimondi (Taczanowski, 1884b:-399, as Carabaya); MHNJP as "Carabaya").

CARABAYLLO; Lima 1152/7702 (USBGN)
238 m (CNG); on Río Chillón, ca. 13 km from coast (IGM); Forbes (Vaurie, 1972:9); see, also, Hacienda Caudivilla.

CARACARA; Puno 1513/7022 (USBGN)
On Lampa road, M. Koepcke, Mar. 1953, 4,000-4,150 m (MHNJP).

CARADOC; Cuzco ca. 1317/7050 (Lamas)
District of Marcapata, below San Pedro and before Chonta Punco (Dicc. Geogr.); Zimmer, 1941c:5; Ockenden (Vaurie, 1972:9, as "Carador"); Lamas, 1976:24, as Hacienda Caradoc.

CARADOR (Vaurie, 1972:9); see Caradoc.

CARAVELÍ; Arequipa 1546/7322 (USBGN)
1,779 m (CNG); on Río Caravelí, Pacific drainage (MHA); J. Kalinowski, Feb., Mar. 1894 (Berlepsch & Sztolcman, 1906:66, as "Caravelí, Ayacucho").

CARAVELÍ, Ayacucho (Berlepsch & Sztolcman, 1906:66); see Caravelí, Arequipa.

CARAYBAMBA; Apurímac ca. 1423/7309 (IGM)
3,310 m (CNG); on road to Antabamba at confluence of Ríos Cotaruse and Caraybamba in Río Apurímac drainage (IGM); Hocking, July 1977 at 11,500 ft [3,505 m] (FMNH).

CARAZ; Ancash 0904/7749 (USBGN)
2,256 m (CNG); in Río Santa valley, Pacific drainage (MHA); Simons, Dec. 1899 at 2,200 m (Chubb, 1919b:3).

CARCHUTAPAMPA (MHNJP); see Cartuchapampa.

CARENE (Lamas, in litt.); see Colorado, Río, Madre de Dios.

CARGARUAY (H.-W. Koepcke, 1961:28); see Hacienda Llaguén.

CARHUAMAYO; Junín 1055/7602 (USBGN)
4,146 m (CNG); NE of Lago Junín (MHA); Carriker, Apr. 1930, near Carhuamayo (ANSP); Sanborn, Feb. 1946 (FMNH); Morrison, Watkins (Vaurie, 1972:9); Ortiz de la Puente, Feb. 1946, Nov. 1947, June 1948 at 4,125 m (MHNJP); see, also, Caza Pato.

- CARHUÁS; Ancash 0916/7738 (USBGN)
2,638 m (CNG); Río Santa Valley (MHA); probably = Simon's Carohas;
between Yogay [= Yungay, 0909/7744 (USBGN)] and Recuay [0943/7728
(USBGN)], Simons, Dec. 1899 at 2,600 m (Chubb, 1919b:4, as "Carohas");
Vaurie, 1972:9; variant Carhuáz (Lamas, in litt.).
- CARHUÁZ (Lamas, in litt.); see Carhuás.
- CARMEN; Cajamarca 0502/7921 (USBGN)
ca. 25 km W of Namballe (MAPA as El Carmen); on Sopalache-Namballe
mule trail, T. Parker, June, July 1978, in subtropical zone cloud forest
at 1,675 m, 2 km S of Carmen and several km W at 1,700 m (Parker &
Parker, 1980:203; Eley, Graves, Parker, & Hunter, 1979:319).
- CAROHAS (Chubb, 1919b:4); see Carhuás.
- CARPA; Ancash ca. 0950/7720 (Vuilleumier & Simberloff)
Puna area in Cordillera Blanca, Vuilleumier, Oct.-Nov. 1975, 4,050 m
(Vuilleumier and Simberloff, 1980:243).
- CARPISH (O'Neill & Parker, 1976:140); see Carpish, Cordillera, and Carpish
Tunnel.
- CARPISH, CORDILLERA; Huánuco ca. 0940/7609 (Hocking)
ca. 2,500-3,500 m, NNE of Acomayo between Huanuco and Tingo Maria,
Hocking, Oct. 1964, Nov. 1965 at 8,200 ft [2,500 m] and 9,000 ft [2,745
m] (FMNH, as "Carpish Ridge"); elfin forest, Villar, June 1973, 1974
(Lowery & Tallman, 1976:421, as "Carpish Ridge"); Short, July-Aug. 1968
at 2,450 m, 7 km NW at Hacienda Paty, almost uncut cloud forest, ca.
upper boundary of lower montane moist forest (Short, 1970:5); LSU
party, June 1967, Aug. 1968, Aug. Nov. 1973, July 1974, June 1975,
2,165-2,440 m (O'Neill, 1969:8; LSUMZ); Grimwood, June 1966, Hebrard,
June 1967 (MHNJP); collector ?, ca. 20 km NNE of Acomayo, 2,800 m
(MVZ as "Carpish"); see, also, Carpish Tunnel and Huailaspampa.
- CARPISH RIDGE (Lowery & Tallman, 1976:421); see Carpish, Cordillera.
- CARPISH TUNNEL; Huánuco ca. 0940/7605 (LSUMZ)
ca. 2,060 m where Carretera Central crosses Cordillera Carpish,
subtropical forest, LSU party (LSUMZ; O'Neill & Parker, 1976:140);
collector ?, below Carpish to the N on Río Chinchao, 2,250 m (MVZ); see,
also, Carpish Cordillera.
- CARRETERA CORRAL QUEMADO-NAZARETH (LSUMZ); see Nazareth,
Amazonas.
- CARRIZAL; Junín 1133/7450 (USBGN)
3,201 m, on road from Concepción to Satipo, Río Perené drainage (MHA)
(FMNH).
- CARRIZAL, TAMBO; see Tambo Carrizal.
- CARTAVIA (Bond, 1945:18); see Cartavio.

- CARTAVIO;** La Libertad 0753/7914 (USBGN)
Sea level, ca. 10 km from coast (MHA); sugar estate, Carriker (Bond, 1945:18, as "Cartavia").
- CARTUCHAPAMPA;** Huánuco ca. 0942/7602 (FMNH)
Near Acomayo on trail to Huaylasampa [= Huailaspampa], Hocking, Oct. 1971, June 1973 (MHNJP); variant Carchutapampa.
- CARUMAS;** Moquegua 1649/7043 (USBGN)
2,985 m (CNG); Río Tambo drainage (MHA); Raimondi (Vaurie, 1972:9); Raimondi (Taczanowski, 1886:19); MHNJP.
- CASA DE PATOS;** Junín ca. 1055/7605 (FMNH)
4,026 m (ANSP); 9 km from Carhuamayo; Sanborn, Feb. 1946, E shore, S end of Lago Junin (FMNH as "Caza Pato"); Morrison, Jan.-May 1938 in puna (Morrison, 1939c:644, as "Casa Patos"); also known as "Duck House"; Morrison, Jan. 1938 between Casa de Patos and Cahuarmayo [= Carhuamayo] (Morrison, 1940:85); Carriker, Apr. 1930 at ca. 13,000 ft [4,026 m] (ANSP).
- CASA GRANDE;** La Libertad 0745/7912 (USBGN)
ca. 150 m, ca. 7 km SE of Ascope in Río Chicama valley (MHA); Ramírez, Jan. 1952 (MHNJP as "Hacienda Casa Grande"); desert, cultivation (H.-W. Koepcke, 1961:28).
- CASAPALCA;** Lima 1139/7614 (USBGN)
ca. 3,000 m, road from Lima to La Oroya in Rimac Valley (IGM); Andrews Univ. party, 6.3 mi [10 km] W, ca. one-half way between Casapalca and San Mateo [1147/7618 (USBGN)] at 12,500 ft [3,813 m], 1964 (Thoresen, in litt.).
- CASA PATOS** (Morrison, 1939:644); see Casa de Patos.
- CASARACRA;** Junín 1127/7558 (USBGN)
ca. 3,500 m, left bank of Río Mantaro drainage, ca. 10 km NW of La Oroya (MHA as "Hacienda Casaracra"); Ortiz de la Puente, Nov. 1947 (MHNJP).
- CASCABAMBA;** Cajamarca ca. 0631/7907 (Koepcke)
Near Llama, M. Koepcke, Mar. 1958 at 2,400 m (M. Koepcke, 1961a:26); 2,200-2,600 m, forest, upper Río Chancay (H.-W. Koepcke, 1961:28, latitude 0613 typo for 0631).
- CASCAS;** Cajamarca 0729/7849 (USBGN)
1,274 m (CNG); Río Chicama drainage, ca. 12 km S of Contumaza (MHA); Jelski (Vaurie, 1972:9).
- CASHABOYA** (Zimmer, 1932d:10); see Cashiboya.
- CASHIBOCOCHA;** Loreto, now Ucayali ca. 0820/7435 (Hocking)
E of Yarinacocha, Río Ucayali, Willis (Haffer, 1974:329); near Pucallpa, Hocking and Vera, Mar., June, July, Aug. 1975 at 800 ft [244 m] (FMNH).

- CASHIBOPLAYA; Loreto ca. 0753/7458 (Vaurie)
Tessmann (Vaurie, 1972:9).
- CASHIBOYA; Loreto 0733/7453 (USBGN)
ca. 200 m, right bank of Río Ucayali drainage (MHA); Bartlett, summer
1865 (Sclater & Salvin, 1873b:252); variants Cashaboya, Choshiboya
(Vaurie, 1972:9); Zimmer, 1932d:10, as "Cashaboya"; lakes of Cashiboya,
Bartlett (Taczanowski, 1886:410).
- CASINCHIHUA; Cuzco Not located
In vicinity of Santa Ana [1252/7243 (USBGN)], J. Kalinowski, May 1894
(Berlepsch and Sztolcman, 1906:73); Vaurie's (1972:9) coordinates are in
Apurímac.
- CASMA; Ancash 0928/7819 (USBGN)
39 m (CNG); coastal town (MHA); Ortiz de la Puente, May 1951 (M.
Koepecke, 1961a:12); Lanyon, 10 km N and 33 km N (Lanyon, 1975:455);
LSU party (LSUMZ); Frazier, 1964:554.
- CASTROVIRREINA (MHA); see Castrovirreyna.
- CASTROVIRREYNA; Huancavelica 1316/7519 (USBGN)
3,956 m (CNG); on upper Río Pisco (MHA as Castrovirreina); Morrison,
Nov. 1937, 13,000 ft [3,965 m] (Morrison, 1939b:459).
- CATACAOS; Piura 0516/8041 (USBGN)
23 m (CNG); left bank of Río Piura just S of Piura (MHA); Simons, Aug.
1899 at 50 m (Chubb, 1919b:3); 30 m, arid scrub with *Prosopis*, acacia,
etc., LSU party (LSUMZ).
- CATACHE, CERRO DE Not located
Cerro not located, but town of Catache, Cajamarca is at 0640/7902
(USBGN), Jelski (Vaurie, 1972:9).
- CATAHUASI; Lima 1247/7554 (USBGN)
On Río Cañete, ca. 1,200 m above Zuñiga (H.-W. Koepecke, 1961:28).
- CATANINDOS VALLEY (Vaurie, 1972:9); see Catarindo, Quebrada.
- CATARIDO VALLEY (Vaurie, 1972:9); see Catarindo, Quebrada.
- CATARINDO, QUEBRADA; Arequipa 1702/7202 (USBGN)
ca. 2 km N of Mollendo (Plenge, letter to Vaurie); Vaurie gives variants
Caterindos valley, Caterindos, Catanindos valley, Catarindon valley,
Catarido valley, Calanudos valley; probably does not = Cachendo, as
Zimmer believed; Whitely, "a little S of Islay" (Vaurie, 1972:9, as
"Catarindos valley"); Lamas, 1976:18, as "Catarindos Quebrada"; Zimmer,
1953a:23.
- CATARINDON VALLEY (Vaurie, 1972:9); see Catarindo, Quebrada.
- CATARINDOS, QUEBRADA (Lamas, 1976:18); see Catarindo, Quebrada.

- CATARINDOS VALLEY (Vaurie, 1972:9); see Catarindo, Quebrada.
- CATERINDOS (Vaurie, 1972:9); see Catarindo, Quebrada.
- CATERPIZA; Amazonas ca. 0355/7743 (LSUMZ)
200 m (LSUMZ); on Río Caterpiza, tributary to east bank of Río Santiago, N of La Poza, tropical forest, hilly, LSU party, Sept. 1979-Feb. 1980, 200 m (LSUMZ).
- CATZCAL, QUEBRADA HONDA DE; Ancash ca. 0955/7750 (Lamas)
Río Huarmey valley, M. Koepcke, "between Kachkal and San Damián," Sept. 1956, gallery forest, 900-1,100 m (M. Koepcke, 1961a:21, as "Kachkal"); MHNJP; Lamas, in litt.
- CAUCATO; Ica 1340/7611 (USBGN)
Sea level, hacienda N of Pisco, Carriker, Feb. 1931 at seashore, ponds, salt marsh (ANSP as "Hda. Caucato").
- CAURAMARCA (Vaurie, 1972:20); see Labramarca.
- CAVACHE (CN); see Cabache.
- CAVALLO-COCHE (Vaurie, 1972:8); see Caballococha.
- CAVALLO COCHO (Lamas, 1976:18); see Caballococha.
- CAVINZAS; Lima Not located
Guano island near Callao [1204/7709 (USBGN)], Tovar, 1962-1965 (Tovar, 1969:527).
- CAYALTÍ; Lambayeque 0654/7934 (USBGN)
Lower Saña valley (MHA); M. Koepcke, May 1954, ca. 150 m, (M. Koepcke, 1961a:5); collector ?, 35 km SE of Chiclayo, 300 ft [92 m] (MVZ).
- CAYAMARCA (Sclater & Salvin, 1878:139); see Cajamarca.
- CAYARÍA (Lamas, 1976:18); see Callarúa.
- CAYLLOMA (Chubb, 1919b:4); see Cailloma.
- CAYNA; Huánuco 1011/7620 (USBGN)
3,316 m (CNG); ca. 43 km SSW of Huánuco (IGM as Caina); M. Koepcke, 1961b:16; Ramírez, July 1952, Aug. 1953 (MHNJP as "Caina").
- CAYUMBA (MHNJP); see Cayumba Alto.
- CAYUMBA, RÍO; Huánuco 0927/7558 (USBGN)
ca. 700 m at mouth, left bank affluent of upper Río Huallaga (MHA); Zimmer, Sept. 1922 (FMNH); mouth of Río Cayumba (Vaurie, 1972:9).
- CAYUMBA ALTO; Huánuco ca. 0955/7555 (Hocking)
Panao [0949/7600 (USBGN)] region, Río Santo Domingo, on trail from

Panao to Pozuzo, Hocking, Aug. 1974 at 5,000-10,000 ft [1,525-3,050 m] (FMNH); Hocking and Villar, Apr. 1975, 2,800 m (MHNJP as "Cayumba").

CAYUMBA CHONATAU; Huánuco ca. 0930/7556 (Hocking)
In Tingo María [0909/7556 (USBGN)] region, above Chinchavito, Hocking,
Mar.-May 1974 (FMNH).

CAYUMBA GRANDE; Huánuco ca. 0930/7557 (Hocking)
Near Chinchavito, Río Huallaga, at mouth of Río Chinchao, Hocking,
Feb., Nov. 1973, May, July 1974 at 3,000 ft [915 m] (FMNH).

CAZA PATO (FMNH); see Casa de Patos.

CCACHIPATA (Sclater & Salvin, 1873a:185); see Cachupata.

CCACHUBAMBA; Cuzco Not located
In Marcapata [1130/7055 (USBGN)] area, C. Kalinowski, June 1951, July
1953 (FMNH).

CCACHUPATA, "Bolivia" (Ménégaux, 1909:208); see Cachupata.

CCAHUILLACAHUI; Huánuco Not located
"in Quebrada of Culebra and Tauricarac" (MHNJP).

CCHACHUPATA (Vaurie, 1972:8); see Cachupata.

CEBOLLAL
In Ecuador; Cherrie and Gill (Vaurie, 1972:9); see Cebollal, Quebrada
[0355/8033 (USBGN)] in Ecuador gazetteer.

CEDROBAMBA; Cuzco ca. 1305/7233 (Vaurie)
12,000 ft [3,660 m], ridge N of Machu Picchu situated at the meeting of
the Amazonian forest and the grassland of the Andean pampa region,
Heller, May-June 1915 (Chapman, 1921b:21); Vaurie, 1972:9; Vaurie's
coordinates are S of Machu Picchu.

CEDROBAMBA RUINS (Vaurie, 1972:9); see Cedrobamba.

CEDROPAMPA; Pasco Not located
Near Villa Rica [1043/7517 (USBGN)], M. Koepcke, July 1955 at 1,100 m,
near Cedropampa (MHNJP).

CELENDÍN; Cajamarca 0652/7809 (USBGN)
2,625 m (IGM), left bank of Río Marañón drainage (MHA); Baron (Vaurie,
1972:9); LSU party (LSUMZ); Zimmer, 1952:18; collector ?, 22 km E,
above Balsas, 2,900 m (MVZ).

CELENDÍN VALLEY Not located
Probably near Celendín [0652/7809 (USBGN)], Baron (Vaurie, 1972:9);
perhaps = upper Río de las Yungas valley (Río de las Yungas [0637/7808
(USBGN)]); see, also, Hucapampa.

CELICA Not located
M. Koepcke, 1961b:16, AMNH spec. *Cranioleuca a. antisienis*.

- CENEPA, RÍO; Amazonas 0435/7812 [USBGN]
Tributary to left bank of Río Marañón, rising near Ecuadorian border (IGM); Schunke, Sept. 1929 at the mouth (Zimmer, 1937a:11, as "R. Cinipá"); LSU party, July 1963 near Chávez Valdivia and 1964 at Tutinum and Suwa (O'Neill, 1969:9); Vaurie, 1972:9, as "Cenipa, Río"; O'Neill, 1977, 1978, 1979 (LSUMZ); LSU party, vicinity of Aintani [not located] and upper Río Cenepa, Shaim [not located] (Olson, 1980:73); collector ?, at Entse Ketai, and around village of Huampani, and at Shaim [not located] on upper Río Comaina (MVZ).
- CENIPA, RÍO (Vaurie, 1972:9); see Cenepa, Río.
- CENTINELA, PUNTA; Lima ca. 1100/7730 (Tovar)
Guano point, Tovar, 1962-1965 (Tovar, 1969:527).
- CEPITA (Vaurie, 1972:36); see Zepita.
- CEPO; La Libertad Not located
"Hacienda Casa Grande" [= Casa Grande, 0745/7912 (USBGN)], Río Chicama, Ramírez, Jan. 1952 (MHNJP).
- CERRO AZUL; Lima 1303/7630 (USBGN)
Coastal town, ca. 10 km NW of Pueblo Nuevo [= San Vicente de Cañete] (MHA); Plenge, Nov. 1971 (Plenge, 1974:326).
- CERRO AZUL; Loreto ca. 0713/7438 (FMNH)
ca. 500 m, ca. 35 km E of Contamana, humid, tropical zone, Schunke, Apr.-May 1947 (Traylor, 1958:87).
- CERRO DE PASCO; Pasco 1041/7616 (USBGN)
4,488 m, near headwaters of Río Huallaga (MHA); puna zone, Zimmer, May 1922 at 14,419 ft [4,400 m] (Zimmer, 1930:236); Short and Morony, Aug. 1968 at 4,450 m, 8 km W along rocky outcrop in hilly puna and 35 km NW at 4,270 m (Short & Morony, 1969:113); Carriker, at 14,400 ft [4,390 m] (Bond, 1945:18); Steere (Vaurie, 1972:9); LSU party (LSUMZ); FMNH as "Pasco."
- CERTAVIA (Vaurie, 1972:9); see Cartavio.
- CHACAPALPA (Vaurie, 1972:9); see Chachapalca.
- CHACHANI, NEVADO; Arequipa 1612/7133 (USBGN)
6,075 m (MAPA); ca. 24 km N of Arequipa, M. Koepcke, Jan. 1956 (MHNJP as "Volcán Chachani"); H.-W. Koepcke (1961:28), longitude, 7333, probably typo for 7133.
- CHACHAPALCA; Junín 1144/7547 (USBGN)
3,748 m (CNG); on Río Mantaro (MHA); Tschudi (Vaurie, 1972:9, as "Chacapalpa").
- CHACHAPOYAS; Amazonas 0613/7751 (USBGN)
2,335 m (CNG); on Río Utcubamba (IGM); Mathews, 1836 (Bourcier, 1847:42); Osgood and Anderson, June 1912 at 7,700 ft [2,350 m] (Cory, 1915a:296); Steere, Sztolcman, at head of Río Huambo (Río Huallaga

drainage), "may be at 0618/7725" (Vaurie, 1972:9); also, Sztolcman at La Sierra, Chachapoyas (Vaurie, 1972:9, 20); Baron, Oct. 1894 at 7,300 ft [2,225 m] (Zimmer, 1942e:4); Hocking, Villar, Oct. 1975 (FMNH); Ruschi, Nov. 1962 in Chachapoyas region at 3,000 m and near Río Marañón at 2,700 m (Ruschi, 1964:1).

CHACHAPOYAS ROAD; Amazonas

Road from Río Marañón SE to Chachapoyas [0613/7751 (USBGN)] (MAPA); LSU party at ca. 1,600 ft [490 m] above Bagua Grande [0547/7826 (USBGN)] (LSUMZ).

CHACHUPATA (Vaurie, 1972:10); see Cachupata.

CHAGACANCHA; Junín ca. 1059/7600 (Lamas, in litt.)

Brack Egg, 1969:20; Tschudi (Vaurie, 1972:10, as "Chagacocha"); this does not equal Chaquicocha, contra Vaurie (Lamas, in litt.); see, also, Huari.

CHAGACOCOA (Vaurie, 1972:10); see Chagacancha.

CHAGLLA; Huánuco 0950/7554 (USBGN)

3,000 m (CNG); ca. 10 km NE of Pano, right bank of Río Huallaga drainage (MHA); Heller, Jan. 1923 (FMNH); Kudreyavzeff, 5 km from Chaglla, Aug. 1947, 3,300 m (MHNJP).

CHAGUAL; La Libertad 0750/7738 (USBGN)

ca. 1,500 m, on Río Marañón, left bank where road from Huamachuco to Patate crosses (MHA); Carriker, at 4,500 ft [1,375 m], June 1932 (Bond, 1951:66; Carriker, 1933:31); collector ?, 1974 or 1975 (MVZ); subtropical desert scrub and cultivated plants, LSU party, 1979 (LSUMZ).

CHAHUILLAY (Vaurie, 1972:10); see Chaullay.

CHALA; Arequipa 1552/7416 (USBGN)

18 m (CNG); coastal town on highway (MHA); Hocking, Mar. 1968-Feb. 1975 (FMNH); M. Koepcke, Aug. 1952 at 300 m, between Chala and Lago Parinacochas, ca. 1530S (M. Koepcke, 1961a:25); M. Koepcke, Jan. 1960 at 400 m, "lomas of Chala" (M. Koepcke, 1965:154); LSU party (LSUMZ); Ortiz de la Puente, Jan. 1952 (MHNJP); Fagan, Nov. 1922, 10 mi [16 km] SW (Wetmore, 1922:171); H.-W. Koepcke, 1961:28, variant "Puerto Chala."

CHALHUANCA; Apurímac 1417/7315 (USBGN)

2,888 m (CNG); on Río Chalhuanca, tributary to left bank of Río Apurímac (IGM); MHA shows it at ca. 1420/7325 (Vaurie, 1972:10, as "Chalhuanca"); Parker, 2,400 m, Oct. 1974 (Schulenberg and Parker, 1981:215).

CHALLAPALCA; Puno 1714/6947 (USBGN)

ca. 4,300 m, near Tacna border on Tacna-Ilave road (IGM); camp 1 km W in Tacna, Oct. 1971, Mar. 1973 (Plenge, 1982:170); collector ?, 14,000 ft (4,270 m) (MVZ as "Challapalca, Tacna").

CHALLAPALCA; Tacna (MVZ); see Challapalca; Puno.

CHALLHUANCA (Vaurie, 1972:10); see Chalhuanca.

CHAMÁN, RÍO; La Libertad 0712/7941 (USBGN)
Rises in W cordillera, flows to Pacific (MHA); Jelski (Vaurie, 1972:10);
Jelski (Taczanowski, 1886:24).

CHAMAYA; Amazonas ca. 0546/7842 (Hocking)
ca. 500 m, where roads to Jaén [0542/7847 (USBGN)] and Bagua
[0540/7831 (USBGN)] divide, left bank of Río Marañón, Hocking and
Villar, Sept. 1975 at 2,000 ft [610 m] (FMNH).

CHAMAYA, RÍO; Cajamarca 0544/7839 (USBGN)
Tributary to left bank of Río Marañón, formed by confluence of Río
Huancabamba and Río Chotano (MAPA); Vaurie, 1972:10; collector ?, 35
km SE of San Felipe [0546/7919 (USBGN)] (MVZ).

CHAMICUROS; Loreto ca. 0530/7530 (Lamas, 1976:18)
On upper Río Samiria (Dicc. Geogr.); ca. 35 mi [56 km] E of Santa Cruz
(Sclater & Salvin, 1873b:252); apparently between Santa Cruz and
Lagunas and ca. 35 mi [56 km] E of Río Huallaga; Vaurie mentions a
Pueblo Chamicuros at ca. 0530/7545, Raimondi, Bartlett, and Hauxwell
(Vaurie, 1972:10); Bartlett, Apr. 1867-Apr. 1868 (Sclater & Salvin,
1873b:254); Gould (Gould, 1855a:67, as "Chamicurros"); Hauxwell, 1854
(Sclater & Salvin, 1867a:748); Zimmer, 1932e:2; Bartlett, Aug. 1867
(Chubb, 1919c:52).

CHAMICURROS (Gould, 1855:67); see Chamicuros.

CHANCAY; Lima 1135/7716 (USBGN)
43 m (CNG); at mouth of Río Chancay (MHA); M. Koepcke, Dec. 1953
on beach (Sanft, 1970:348); Vaurie, 1972:10; LSU party (LSUMZ); Simon,
Dec. 1899, "Chancey near the sea" (Chubb, 1919b:4); H.-W. Koepcke,
1961:28.

CHANCAY, RÍO; Cajamarca 0645/7931 (USBGN)
Rises in central Cajamarca, flows W to Lambayeque, becomes Río Reque
and joins Pacific (IGM); collector ?, at "1,500 m" near source of river
near Chancay [= Chancaibaños, 0635/7852 (USBGN)] (Vaurie, 1972:10).

CHANCEY (Chubb, 1919b:4); see Chancay.

CHANCHAMAGA (Bangs & Penard, 1921:378); see Chanchamayo, Valle de.

CHANCHAMAYO (Vaurie, 1972:10); see Chanchamayo, Valle de; see, also,
Pueblo Nuevo, Junín (Gardner & Patton, 1976:42).

CHANCHAMAYO, RÍO; Junín ca. 1055/7518 (IGM)
Same as Río Palca, according to USBGN; formed by confluence of Río
Palca and Río Tulumayo and other small streams of the Tarma district
at San Ramón, flows N past La Merced to form Río Perené (MAPA);
USBGN coordinates, 1106/7519, are just below San Ramón; the names
Chanchamayo, Vítoc, and Perené have all been applied to the same river,
and the name Chanchamayo has been applied to streams emptying into

the Tulumayo (Gardner & Patton, 1976:42); C. O. Schunke, Mar. 1902, June-Aug. 1904, May 1908, July 1909 (FMNH); see, also, Chanchamayo, Valle de.

CHANCHAMAYO, VALLE DE; Junín ca. 1103/7519 (IGM)
Valley of Río Chanchamayo, from NE of Huacapistana [1114/7529 (USBGN)] to junction of Ríos Chanchamayo and Paucartambo (Plenge, in litt.); near La Merced, Hocking, June 1970 (FMNH); J. Kalinowski sites, La Merced, La Gloria, and Borgoña are located in this valley; J. Kalinowski (Berlepsch & Sztolcman, 1896:325); Tschudi (Tschudi, 1844-1846:94); Weyrauch, Sept.-Oct. 1941 (FMNH); J. M. Schunke, June 1948-June 1949 at 1,000-1,400 m (FMNH); C. O. Schunke, Nov. 1909, Apr. 1910 at 1,000 m (FMNH); C. O. Schunke [= Schunke], Jan. 1905 at 1,500 m (Hartert & Goodson, 1917a:410); Whitely, Raimondi, Hoffmans, Sarnedde, Jelski (Vaurie, 1972:10, as "Chanchamayo"); Gochfeld, Aug., Sept. 1972, 1,370 m, 15 km by road above San Ramón (Gochfeld, 1977:391, as "Chanchomayo Valley"); Bangs & Penard, 1921:378, as "Chanchamaga."

CHANCHAUQUE (Lamas, 1976:18); see Canchaque.

CHANCHOMAYO VALLEY (Gochfeld, 1977:391); see Chanchamayo, Valle de.

CHAO, ISLA; La Libertad ca. 0845/7847 (USBGN)
Guano island ca. 3 km off La Libertad coast, NW of Chimbote (IGM); Tovar, 1969:527.

CHÁPARRA, LOMAS DE; Arequipa ca. 1550/7400 (USBGN)
Area N of mouth of Río de Chaparra (MHA); fog vegetation, H.-W. Koepcke, 1961:28.

CHAQUICOCHA (Vaurie, 1972:10); does not equal Chagacocha as stated by Vaurie, 1972:10 (Lamas, in litt.).

CHAQUIMAYO; Puno ca. 1327/7024 (MHA)
550 m, in Carabaya Andes, at confluence of Río Chaquimayo with Río Sangaban, Río Inambari drainage (MHA); H. & C. Watkins, July 1910 at 3,000 ft [915 m] (Zimmer, 1931a:19).

CHARAPE (Lamas, 1976:18); see Charapi.

CHARAPI; Cajamarca ca. 0525/7859 (Vaurie)
Watkins (Vaurie, 1972:10); Noble, Sept. 1916 (Bangs & Noble, 1918b:451); 4,000 ft [1,220 m] (Lamas, 1976:18, as "Río Charapi," variant Charape).

CHARAPI, RÍO (Lamas, 1976:18); see Charapi.

CHARAY (Vaurie, 1972:10); see Churái.

CHASPIYOC (Vaurie, 1972:10); see Chospiyoc.

CHASQUI; Huánuco ca. 0953/7628 (Lamas)
ca. 40 km NW of Huánuco on road to Chavinillo (Lamas, in litt.); Ramírez, Aug. 1954, between Chasqui and Huánuco at 3,000 m (MHNJP).

- CHASUTA** Not located
Possibly = Chasuta, Loreto [= Chazuta, San Martín, 0635/7611 (USBGN)], Romero, Raimondi (Vaurie, 1972:10); Raimondi (Taczanowski, 1886:139).
- CHAULLAY** (Vaurie, 1972:10); see Chaullay.
- CHAULLAY BRIDGE** (Vaurie, 1972:10); see Chaullay.
- CHAULLAY; Cuzco** 1257/7239 (USBGN)
ca. 1,300 m, town at confluence of Río Vilcabamba and Río Urubamba (MHA as "Chauhuillay"); Watkins?, 3,700 ft [1,129 m] (Chapman, 1919b: 266 as "Chauillay"); Vaurie's coordinates, 1258/7329, are probably a typo (7329 for 7239); Vaurie, 1972:10, gives variants Chahuillay, Chauillay, and Chauillay Bridge.
- CHAUPE; Cajamarca** ca. 0510/7910 (Vaurie)
Watkins, Feb.-Apr. 1923 at 6,100 ft [1,860 m] (Zimmer, 1935a:2); NE of Huancabamba, Carriker at 5,800 ft [1,770 m] (Bond, 1945:18); Prov. Jaén [0525/7900 (USBGN)], Carriker, 6,000 ft [1,830 m], July 1933 (Carriker, 1934a:320).
- CHAUPECHACA** Not located
Perhaps = Chaupichaca (Vaurie, 1972:10).
- CHAUPICHACA; Cuzco** ca. 1326/7052 (Lamas)
Ockenden, "SE Peru" (Vaurie, 1972:10); Ockenden (Lamas, 1976:18); Zimmer, 1939a:2.
- CHÁVEZ VALDIVIA; Amazonas** 0426/7811 (USBGN)
ca. 500 m, on tributary to left bank of Río Marañón (IGM); close to confluence of Ríos Cenepa and Comaina, O'Neill (received specimen from Aguaruna Indians), July 1963 (Lowery & O'Neill, 1964:126); Río Cenepa, July 1963 (O'Neill, 1969:9).
- CHAVINILLO; Huanuco** 0947/7635 (USBGN)
ca. 3,000 m, ca. 20 km E of La Union, right bank, Río Marañón drainage (MHA); Hocking, July-Aug., Dec. 1966, 11,000 ft [3,355 m] (FMNH); Ramírez, Aug. 1954, 4,000 m (MHNJP).
- CHAYAHUITAS; Loreto** 0527/7648 (USBGN)
ca. 300 m, near Río Sillay headwater (MHA as "Chayavitas"); Whitely and Hauxwell (Vaurie, 1972:10); Bartlett, spring 1866 (Sclater & Salvin, 1873b:254, as "Chyavitas"); variants Chayavitas and Chyavetas.
- CHAYAMITAS** (Vaurie, 1972:10); see Chayahuitas.
- CHAZUTA; San Martín** 0635/7611 (USBGN)
260 m (CNG); left bank of Río Huallaga (MHA as "Chasuta"); Romero (Vaurie, 1972:10, as Chasuta); Raimondi (Taczanowski, 1886:139, as "Chasuta").
- CHECACUPE; "Puno" = Cuzco** 1402/7127 (USBGN)
3,446 m (CNG); on Río Vilcanota, ca. 5 km below Combapata (MHA); J.

Kalinowski, Jan. 1896 (Berlepsch & Sztolcman, 1906:126, as "Checapupe, Puno"); Vaurie, 1972:10, as "Checcapupe, Puno," variant Checapupe, Puno.

CHECAPUPE (Vaurie, 1972:10); see Checapupe.

CHECAYANE; Puno 1449/7001 (USBGN)
3,800-4,300 m, hacienda near Azángaro [1455/7013 (USBGN)] Dorst, Jan.-Feb., Apr. 1955, Dec. 1960, Jan. 1961, de Macedo, June, July, Sept. 1956 (Dorst, 1962b:429); Roe and Rees, puna, June 1975 (Roe and Rees, 1979:479, as "Hacienda Checayani"); collector ?, ca. 20 km NE of Azángaro, 13,000-13,200 ft [3,965-4,026 m] (MVZ as "Hacienda Checayani"); grassy vegetation, lagoons, puna, 3,900 m, Vuilleumier, May 1965 (Vuilleumier and Simberloff, 1980:243, as "Checayani"); usually cited as Checayani or Hacienda Checayani.

CHECAYANI (Dorst, 1956a:435); see Checayane.

CHECCAPUPE, Puno (Vaurie, 1972:10); see Checapupe.

CHELO (Vaurie, 1972:10); see Chillo.

CHELPE (Zimmer, 1933a:9); see Chilpes.

CHEPÉN; La Libertad 0713/7927 (USBGN)
130 m (CNG); ca. 25 km NNE of Pacasmayo (MHA); Sztolcman, 400 ft [122 m], Sept. 1878 (Taczanowski, 1880:206); Baron, Jelski (Vaurie, 1972:10); M. Koepcke, Apr. 1954, on way from Chapén to San Miguel at 500-1,050 m in area of San Gregorio River (M. Koepcke, 1961a:27); Baron, June 1894, 400 ft [122 m] (Chubb, 1919b:37); H.-W. Koepcke, 1961:29.

CHETO; Amazonas ca. 0615/7740 (MHA)
2,500 m (CNG); ca. 20 km E of Chachapoyas on upper Río Sonche (IGM); Raimondi (Vaurie, 1972:10).

CHEYAPA; Apurímac Not located
Provincia de Grau [1400/7235 (USBGN)], Hocking, Villar, Feb. 1977 at 12,200 ft [3,719 m] (FMNH), probably not far from Piyai [1413/7241 (USBGN)].

CHIANGKUS; Amazonas Not located
Río Marañón, LSU party, 1964 (O'Neill, 1969:9).

CHIARNIQUE; Piura 0532/7955 (USBGN)
ca. 200 m (MHA); cattle hacienda ca. 10 km N of Ñaupe, seasonally dry forest with patches of large evergreen trees, LSU party (LSUMZ).

CHICA, LAGUNA; Ica ca. 1411/7617 (Tovar and Ashmole)
Saline coastal lagoon ca. 1 km SW of Laguna Grande [1409/7616 (USBGN)], Tovar, May 1967 (Tovar and Ashmole, 1970:119).

CHICAIS; Amazonas ca. 0439/7812 (O'Neill)
Río Marañón, LSU party, 1964 (O'Neill, 1969:9).

- CHICAMA; La Libertad 0751/7909 (USBGN)
125 m (CNG); Vaurie, 1972:10.
- CHICHUATA (Vaurie, 1972:10); see Chiguata.
- CHICLA; Lima 1145/7618 (USBGN)
3,793 m (CNG); on Río Rímac (MHA); J. Kalinowski, Apr. 1890 at 12,300 ft [3,750 m] (Berlepsch & Sztolcman, 1896:324, 351).
- CHICLAYO; Lambayeque 0646/7951 (USBGN)
21 m (CNG); ca. 10 km from coast (MHA); Vaurie, 1972:10; Murphy, Jan. 1920 (Murphy, 1922:178); 27 m, arid scrub mixed with agriculture, LSU parties in coastal areas, 1977-1979 (LSUMZ); H.-W. Koepcke, 1961:29.
- CHICMO MT.; Apurímac ca. 1330/7332 (Hocking)
Region of Andahuaylas [1339/7323 (USBGN)], slopes above Santa Maria de Chicmo, Hocking, Mar. 1974 at 12,000 ft [3,660 m] (FMNH).
- CHICRÍN (FMNH); see Chigrín.
- CHIGKAN ENTSA (MVZ); see Chigkan Entse.
- CHIGKAN ENTSE; Amazonas Not located
Río Cenepa [0435/7812 (USBGN)], ca. 4 mi [6 km] N of Huampami [not located], collector ?, "Entse = creek" (MVZ), variant Chigkan Entsa.
- CHIGNIA; Piura 0536/7941 (USBGN)
ca. 500 m, in upper Río Piura drainage (MHA); cattle hacienda on Huancabamba road, junction of arid scrub and dry tropical forest, LSU party, ca. 3 km N, by road, ca. 2,000 ft [610 m], Aug. 1975 (LSUMZ); O'Neill and Kennedy, 300 m, Aug. 1975 (Schulenberg and Parker, 1981:209).
- CHIGRÍN; Pasco 1035/7609 (USBGN)
3,582 m, left bank of Río Huallaga (MHA as "Chiquirín"); Heller, May 1920 (FMNH, as "Chicrín"); Chicrín [ca. 1035/7611] is correct name (Lamas, in litt.).
- CHIGUATA; Arequipa 1624/7124 (USBGN)
2,960 m (CNG as "Chihuata" in text and "Chiguat" in index); ca. 16 km E of Arequipa (MHA as "Chihuata"); Whitely, July 1867 at 9,000 ft [2,745 m] (Sclater & Salvin, 1867c:983, as "Chihuata"); variants Chihuata, Chimata, and Chihuata (Vaurie, 1972:10); 11,000 ft [3,355 m] (Lamas, 1976:18); LSU party, 1974 (LSUMZ as "Chiquata"); Spellman, Feb. 1948 at 2,900 m, river rapids (MHNJP); Hughes, 2,720-2,750 m, July 1979 (Hughes, 1980:229).
- CHIHUATA (Vaurie, 1972:10); see Chiguata.
- CHILACO; Piura 0443/8031 (USBGN)
ca. 100 m (MHA); on Río Chira, ca. 8 km upriver from Samate [= Somate] (MAPA); Watkins?, May 1919 (Chapman, 1919b:257); Watkins (Vaurie, 1972:10).

CHILATE (Vaurie, 1972:11); see Chilete.

CHILCA; Lima 1232/7644 (USBGN)
3 m (CNG); on coastal highway (MHA); Vaurie, 1972:11; H.-W. Koepcke, July 1951 on beach (Sanft, 1970:348); LSU party, May 1968 at Lagunas de Chilca, near Puerto Viejo (O'Neill, 1969:8); Chilca Bay (Vaurie, 1972:11); arid littoral with scattered vegetation-bordered ponds (LSUMZ); Ortiz de la Puente, Nov. 1947, Aug. 1949, beach and lakes (MHNJP); Tovar, Dec. 1964 at Laguna de Chilca (Tovar, 1969:533).

CHILCA, LAGUNAS DE (O'Neill, 1969:8); see Chilca.

CHILCA BAY (Vaurie, 1972:11); see Chilca.

CHILE-CHILE (Vaurie, 1972:11); see Chilichili.

CHILETE; Cajamarca 0714/7851 (USBGN)
847 m (CNG); on Río de Chilete, Pacific drainage (MHA); Orton (Vaurie, 1972:11), variant Chilate; Hocking, Nov. 1975, 3,000 ft ? [914 m ?] (FMNH).

CHILI, RÍO; Arequipa 1623/7146 (USBGN)
Rises ca. 1550/7105, flows S to Arequipa to become Río Víctor (IGM); H.-W. Koepcke, 1961:29.

CHILIATUNA; Huánuco Not located
"Caina" = probably Cayna [1011/7620 (USBGN)], Ramírez, June 1952 (MHNJP).

CHILICHILI; Cuzco ca. 1325/7043 (Vaurie)
In Marcapata area near San Andrés, C. Kalinowski, June 1951 at 2,350 m (FMNH); J. Kalinowski, June 1897 (Berlepsch & Sztolcman, 1906:105); Vaurie, 1972:11, variant Chile-Chile.

CHILIVE, RÍO; Madre de Dios ca. 1220/7058 (FMNH)
Small tributary to upper Río Madre de Dios, ca. 10 km above Manu (MF); C. Kalinowski, Oct. 1960 at mouth at 300 m (FMNH as "Río Shilivi").

CHILLA (Vaurie, 1972:11); probably = Chillo.

CHILLIHUA Not located
Blancas, Mar. 1948, in field with ichu grass (MHNJP); possibly in Moquequa, ca. 1654/7037 (Lamas, in litt.).

CHILLO; Amazonas 0628/7745 (USBGN)
ca. 1,300 m, on Río Utcubamba, ca. 25 km S of Chachapoyas, right bank of Río Marañón drainage (MHA); Vaurie states that this locality may be the same as Cheto [ca. 0615/7740 (MHA)]; Sztolcman and Raimondi (Vaurie, 1972:11); 3,000-3,600 m (Lamas, 1976:18); variants Tambo de Chillo and Chelo.

CHILLÓN, RÍO; Lima 1155/7705 (USBGN)
Rises in W Andes, flows SW to ocean ca. 10 km N of Lima (MAPA) (MHA)

as "Río Chulon"); H.-W. & M. Koepcke, Mar. 1952 at 2,680 m (Sanft, 1973:421); Ortiz de la Puente, Apr. 1952 at 3,950 m (MHNJP); Koepcke, near Canta [1125/7638 (USBGN)], Aug. 1953, 2,800 m (Koepcke, 1958:164).

CHILMATA

Not located

Collector ? (Vaurie, 1972:11).

CHILPES; Junín

ca. 1119/7516 (Vaurie)

ca. 11 mi [18 km] downhill from Maraynioc in Vítoc valley, small branch of Hacienda Maraynioc at ca. 6,000 ft [1,830 m], subtropical, Griswold, Apr.-June 1939 (Peters & Griswold, 1943:284); Chilpes is apparently near Pucará, also "between Chilpes and San Bartolomé apparently in Vítoc valley" (Vaurie, 1972:11, also as "Chelpes"); J. Kalinowski, July 1891 (Berlepsch & Sztolcman, 1896:325); Jelski, Aug. 1871 (Taczanowski, 1884a:71); Watkins, Apr. 1921 at 7,300 ft [2,225 m] (Zimmer, 1933a:9, as "Chelpes"); = Hacienda Chilpis near Maraynioc (Lamas, 1976:24).

CHIMABAMYA

Not located

Probably error for Chanchamayo (Vaurie, 1972:11).

CHIMATA (Vaurie, 1972:11); see Chihuata.

CHIMBOTE

Not located

"Between Chimbote and Santa Lucía," no data, but perhaps Cerro Santa Lucía, Ancash, ca. 0912/7816 (MHA) (Vaurie, 1972:11); see, also, Chimbote, Ancash.

CHIMBOTE; Ancash

0905/7836 (USBGN)

4 m (CNG); coastal city (MHA); Sztolcman and Jelski, Nov. 1875 (Taczanowski, 1879:244); MacFarlane, Aug. 1883, on the beach (MacFarlane, 1887:208); Anderson, Jan. 1914 (FMNH); Sztolcman (Taczanowski, 1884a:66); Carriker, Mar. 1932 (ANSP); LSU party (LSUMZ); H.-W. Koepcke, 1961:29; Schulenberg, et al., 9 km S, Nov. 1978 (Graves, 1981:75).

CHIMBOTE, BAHÍA DE; Ancash

ca. 0907/7837 (MHA)

Bay S of Chimbote (MHA as "B. de Chimbote or Ferrol"); Dec., year? (Murphy, 1936:655, as "Ferrol, Bay of").

CHIMÚ; Puno

1551/6958 (USBGN)

ca. 3,830 m, near city of Puno, Ortiz de la Puente, Mar. 1948 in cultivated field (MHNJP).

CHINCHA (MHNJP); see Chincha Alta.

CHINCHA, ISLAS DE; Ica

1338/7625 (USBGN)

Guano islands, ca. 24 km W of Pisco (MHA); Grec, 1855 (Saunders, 1878:204, as "Chinchas Islands"); MacFarlane (MacFarlane, 1887:208); Forbes, 1912, 1913 (Forbes, 1914:405); Raimondi, 1855 (Coker, 1920:507); Murphy, Oct. 1919 (Murphy, 1921:15); Ortiz de la Puente, July 1952 (MHNJP); H.-W. Koepcke, 1961:29; Hancock Expedition, Jan. 1935 (Garth, 1937:5); Tovar, 1962-1965 (Tovar, 1969:527).

- CHINCHA ALTA; Ica 1327/7608 (USBGN)
97 m (CNG); on Panamerican Highway (IGM); Koepcke, Aug. 1952
(MHNJP as "Chincha").
- CHINCHAICOCHA; see Junín, Lago de.
- CHINCHÁN; Lima ca. 1137/7617 (LSUMZ)
4,350 m, railroad station, ca. 3 km N of Casapalca, puna grassland
grading into cushioned plant zone just below permanent snow, LSU party
(LSUMZ); collector ?, 4,200 m (MVZ); Andrews Univ. party in N-S
extension of Chinchán Valley at ca. 15,500 ft [4,712 m], June 1964
(FMNH).
- CHINCHAO; Huánuco 0938/7604 (USBGN)
ca. 2,000 m, on upper Río Chinchao (MHA); subtropical zone, Zimmer,
Oct.-Nov. 1922 at 5,700 ft [1,740 m] (Zimmer, 1930:238); see, also,
Hacienda Vilcabamba; Hocking, Oct. 1975, in Chinchao region (FMNH);
see, also, Jaupar.
- CHINCHAO, RÍO; Huánuco 0930/7556 (USBGN)
ca. 1,000 m at mouth, tributary to left bank of Río Huallaga, rising SW
of Chinchao (MHA); Heller, July 1922 (FMNH); see, also, Hacienda
Vilcabamba and Vista Alegre.
- CHINCHAS ISLANDS (Saunders, 1878:204); see Chincha, Islas de.
- CHINCHAVITO; Huánuco 0929/7555 (USBGN)
ca. 1,000 m, right bank of Río Huallaga, ca. 22 km upstream from Tingo
Maria (IGM); "on W bank Río Huallaga," Hocking, May 1973 at 3,000 ft
[915 m], Jan.-Mar. 1974 at 4,000 ft [1,220 m], Mar., June-July 1974
(FMNH); Heller, Aug. 1922 (FMNH); LSU party (LSUMZ).
- CHINCHAYCOCHA (Vaurie, 1972:11); see Junín, Lago de.
- CHINCHEROS; Apurímac 1327/7344 (USBGN)
2,772 m (CNG); ca. 10 km E of Río Pampas (MHA); C. Kalinowski, Oct.
1953 at 3,100 m (FMNH as "Uripa, Chincheros", Uripa is ca. 5 km
upstream from Chincheros); Hocking, Oct. 1970 on puna between
Chincheros and Andahuaylas [1339/7323 (USBGN)] at 3,000-4,000 m?,
also at Bosque de Chincheros, 9,500 ft [2,900 m] (FMNH).
- CHINCHIPE, RÍO; Cajamarca 0528/7832 (USBGN)
Rises in Ecuador, flows S to Peru/Ecuador border, then SE to left bank
of Río Marañón (MAPA); Carriker at 1,850 ft [565 m] (Bond, 1945:20);
Watkins, July 1923 at 1,450 ft [440 m] (Zimmer, 1938a:9); see, also,
Perico.
- CHINGUELA, CERRO; Piura/Cajamarca 0507/7923 (USBGN)
To ca. 3,715 m (IGM); cordillera NE of Huancabamba, LSU party, 1977,
1978, ca. 5 km NE Sapalache [= Zapalache], elfin forest to paramo, also
Semba, ca. 2,900 m on E slope, June 1978 (Graves, 1980:3).

- CHIPA; Pasco 1042/7557 (USBGN)
ca. 3,200 m, near Huachón (MHA); Watkins?, at 12,500 ft [3,815 m] and
13,000 ft [3,965 m] (Chapman, 1927b:19); Watkins (Vaurie, 1972:11).
- CHIPÍ; Amazonas ca. 0448/7818 (O'Neill)
Collector ?, Río Marañón, 1964 (O'Neill, 1969:9).
- CHIUATA (LSUMZ); see Chiguata.
- CHIUÍÁ; Ancash 1009/7711 (USBGN)
3,374 m (CNG); in Río Pativilca valley, Pacific drainage (MAPA);
Zimmer suggests this may be the Shigriay Tambo of Simons (Vaurie,
1972:11).
- CHIUÍÁ-HUALLANCA ROAD; Huánuco Not located
21 km NW of Huallanca [0951/7656 (USBGN)] just inside Huánuco/Ancash
border, Short and Morony, Aug. 1968 at 4,270 m, open, moist puna (Short
& Morony, 1969:115); LSU party (LSUMZ).
- CHIUÍRÍN (FMNH; MHA); see Chigrín.
- CHIRA (of Hauxwell) (Vaurie, 1972:11); see Elvira.
- CHIRA; Cajamarca ca. 0616/7842 (Lamas)
ca. 7,500 ft [2,290 m], Carriker, near Tambillo, Aug. 1933 (Carriker,
1934a:326; Bond, 1945:18); Vaurie's coordinates (1972:11, under "Chira")
for various Tambillos are all from low elevations along the Ríos
Chamaya and Marañón and cannot be Carriker's Tambillo; Chira = La
Chira, between San Andres de Cutervo [ca. 0614/7842 (IGM)] and Súcota
[0618/7844 (USBGN)] at above coordinates (Lamas, in litt.); for further
discussion see Tambillo.
- CHIRA, PUNTA (Tovar, 1969:543); see La Chira.
- CHIRA, RÍO; Piura 0454/8108 (USBGN)
Flows W from Sullana [0453/8041 (USBGN)] to Pacific at San Lucas
(MAPA); MacFarlane, 1883-85 on wooded banks (MacFarlane, 1887:208);
Zimmer, 1936a:8; Raimondi (Taczanowski, 1884b:418); Murphy, Jan. 1925
(Murphy, 1936:280); H.-W. Koepcke, 1961:29; Vaurie, 1972:11, as "Chiro";
Lamas, 1976:24.
- CHIRIQUE (Vaurie, 1972:11); see Tecapa.
- CHIRIACA CHUCHUNGA, RÍO (MHA); see Chuchungus, Río.
- CHIRIACO; Amazonas ca. 0512/7822 (LSUMZ)
Small town on Río Chiriaco [= Río Imaza], located upriver from mouth,
LSU party, Dec. 1974 at ca. 1,700 ft [520 m], ca. 20 km SW of Chiriaco
(Weske & Terborgh, 1977:145); LSU party, 1978 in hill forest NE of town
(LSUMZ).
- CHIRIACO, RÍO (LSUMZ); see Chuchungus, Río.
- CHIRIMAYO (MHA); see Chirimoyo.

- CHIRIMOTO; Amazonas 0631/7724 (USBGN)
2,100 m (CNG); on Río Huambo tributary, ca. 5 km N of San Martín border (MAPA); in the Huayabamba valley, Sztolcman, 7,000 ft [2,135 m], Mar.-Apr., July, Aug.-Sept. 1880 (Taczanowski, 1882:3 and 1884a:69); "between Chirimoto and Achamal" (Vaurie, 1972:11); variant Chiromato.
- CHIRIMOYO; Cuzco 1300/7129 (USBGN)
ca. 1,000 m, on Río Tono, affluent of upper Río Alto Madre de Dios (MHA as "Chirimayo"); Ockenden (Vaurie, 1972:11, as "Chirimayo").
- CHIRIYACU; Junín Not located
Alto Quimiri [not located] in mountains above Quimiri [1102/7514 (USBGN)] Chanchamayo [= Río Chanchamayo, 1106/7519 (USBGN)], Schunke, Mar. 1941 (MHNJP).
- CHIRO (Lamas, 1976:24); see Chira, Río.
- CHIROMATO (Vaurie, 1972:11); see Chirimoto.
- CHIROQUE (Vaurie, 1972:11); see Tecapa.
- CHIRUNI, ISLA; Puno Not located
Near Miajachi [not located] and Huancané [1512/6946 (USBGN)], Ortiz de la Puente, Feb., Mar. 1948 in high rocks (MHNJP).
- CHITAHUACRA Not located
Collector ? (Vaurie, 1972:11).
- CHOCHA MARTA Not located
In region of Río Huallaga, Ortiz de la Puente (MHNJP); probably = Cocha Marta.
- CHOCHA PAN; Loreto, now Ucayali Not located
Near Pucallpa [0823/7432 (USBGN)], M. Koepcke, June 1958 (MHNJP); probably = Cocha Pan [not located] (Lamas, in litt.).
- CHOCLOCOCHA, LAGUNA; Huancavelica 1310/7504 (USBGN)
ca. 5,000 m (IGM); large lake ca. 28 km ENE of Castrovirreina (MHA); open, with no reed beds, Morrison, Nov. 1937 (Morrison, 1939b:459); see, also, Santa Inés.
- CHOIMACOTA, RÍO; Ayacucho ca. 1223/7354 (IGM)
Left bank affluent of Río Apurímac (IGM); Jelski (Vaurie, 1972:12, as Choymacota).
- CHONCEY Not located
Probably = Chancay, Lima [1135/7716 (USBGN)]; Simons, Sztolcman (Vaurie, 1972:11).
- CHONGOLLAPA (Vaurie, 1972:11); see Chongoyape.
- CHONGOLLAPE (Vaurie, 1972:11); see Chongoyape.

CHONGOLLAPI (Bangs & Noble, 1918b:442, 449); see Chongoyape.

CHONGOYAPE; Lambayeque 0639/7924 (USBGN)
209 m (CNG); on coastal foothills on Río Chancay (MHA); Noble, Sept., Oct. 1916 (Bangs & Noble, 1918b:442, as "Chongollapi"); C. Kalinowski, Mar. 1954 (FMNH); Sztolcman (Vaurie, 1972:11, variants Chongollapa and Chongollape); LSU party (LSUMZ); M. Koepcke, Mar. 1958, Ortiz de la Puente, May 1951 at 150 m (MHNJP); H.-W. Koepcke, 1961:29.

CHONTA (Morrison, 1939b:458); see Chonta, Paso de.

CHONTA, PASO DE; Huancavelica 1304/7504 (USBGN)
4,853 m, pass ca. 6 km E of Santa Ana in W Andes (MHA); Atlantic/Pacific watershed, Morrison, 15,785 ft [4,814 m], Oct.-Nov. 1937 (Morrison, 1939b:458, as Chonta).

CHONTABAMBA; Junín ca. 1115/7519 (Vaurie)
In Vítoc valley, J. Kalinowski, 4,130 ft [1,260 m], Aug. 1891 (Berlepsch & Sztolcman, 1896: 325, 381); Vaurie, 1972:11.

CHONTAPUNCO (Berlepsch & Sztolcman, 1906:105); see Chontapunco, Río.

CHONTAPUNCO, RÍO; Cuzco ca. 1320/7049 (Lamas)
Affluent to Río Marcapata (Dicc. Geogr.); J. Kalinowski, Aug.-Nov. 1898 (Berlepsch & Sztolcman, 1906:105, as "Chontapunco"); Lamas, 1976:24.

CHONTAY; Lima 1202/7643 (USBGN)
657 m (MHA); Castro, Sept. 1970 at 600 m on road to Huarochirí [1209/7614 (USBGN)] (MHNJP), also as Hacienda Chontay.

CHOQUISONGO (Vaurie, 1972:12); see Chuquizonco.

CHORA Not located
Collector ?, June 1952 (MHNJP).

CHORILLO, QUEBRADA (MHNJP); see El Chorillo, Quebrada.

CHORILLOS (Murphy, 1936:9); see Chorrillos.

CHORILLOS Not located
"Río Ucayali," Schunke, Jan. 1943 (MHNJP); probably = Chorrillos, Loreto, somewhere on Río Ucayali (Lamas, in litt.).

CHOROS; Cajamarca 0552/7840 (USBGN)
400 m (CNG); left bank of Río Marañón, ca. 27 km S of Bellavista (MHA); Sztolcman (Vaurie, 1972:12).

CHORRILLOS; Lima 1210/7702 (USBGN)
37 m (CNG); southern part of the city of Lima (MHA); Kalinowski, Jelski, Saunders, Seeböhm, Nation (Vaurie, 1972:12); J. Kalinowski, Sept.-Oct., Dec. 1889 (Berlepsch & Sztolcman, 1892:372); Beck, Feb. 1913 in irrigated fields behind beaches, and Apr. 1913, 5 mi [8 km] out to sea from Chorrillos (Murphy, 1936:9, as "Chorrillos"); Hocking, Dec. 1972,

Sept. 1973 (FMNH); Brabourne, May 1914 (Chubb, 1919b:267); Saunders, Seabohn [= Seebohm] did not collect in Peru contra Vaurie, 1972:12 (Plenge, in litt.); Jelski, Apr. 1870 (Sztolcman, 1926:218).

CHOSHIBOYA (Vaurie, 1972:9); see Cashiboya.

CHOSICA; Lima 1154/7642 (USBGN)
ca. 800 m, Río Rimac valley, ca. 40 km NE of Lima (MHA); arid, tropical, Griswold, Feb., July 1939 at 2,800 ft [855 m] (Peters & Griswold, 1943:282); Hocking, May 1963-Sept. 1970 at 2,300 ft [700 m], 2,700 ft [824 m] and 3,000 ft [915 m], also 6 km up valley from Chosica at 3,500 ft [1,068 m] (FMNH); Zimmer, Apr. 1922 at 2,800 ft [855 m] (Zimmer, 1930:235); Simons, Jan-Feb. 1900 at 850 m (Chubb, 1919b:4); Anderson, Apr. 1914 (FMNH), variant Nueva Chosica; Simons, Brabourne (Vaurie, 1972:12); LSU party (LSUMZ); Brabourne, May 1914 (Chubb, 1919b:37); H.-W. Koepcke, 1961:29.

CHOSICA MT.; Lima ca. 1152/7642 (Hocking)
One of mountains at end of small valley that opens on N side of Chosica, Hocking, Dec. 1964, Mar. 1967 at 7,000 ft [2,135 m], Feb. 1974 at 5,500 ft [1,680 m] (FMNH).

CHOSPİYOC; Cuzco ca. 1316/7221 (Vaurie)
10,000 ft [3,050 m], a Heller station, ca. 1/2 way down the Huarcocondo Canyon, junction, arid temperate and puna zones, Heller, Apr. 1915 (Chapman, 1921b:17); Vaurie, 1972:12, variant Chaspiyoc; Bond, 1951:84, as "Chospyoc").

CHOSPYOC (Bond, 1951:84); see Chospiyoc.

CHOTA; Cajamarca 0633/7839 (USBGN)
2,388 m (CNG); on Río Chotano, left bank of Río Marañón drainage (IGM); Jelski and Sztolcman, ca. 8,000 ft [2,440 m], Aug. 1877, July 1878 (Taczanowski, 1879:220); Sztolcman, at 12,000 ft [3,660 m] on puna between Chota and San Gregorio [0703/7906 (USBGN)], Raimondi, Carriker (Vaurie, 1972:12); Frobeau [= Frobeen?] perhaps at this Chota (Vaurie, 1972:12); LSU party, Sept. 1977 in remnant cloud forest broken by grazed and cultivated area (LSUMZ).

CHOTA, PROVINCIA DE; Cajamarca 0625/7850 (USBGN)
Province in central Cajamarca extending across the department at ca. 0625 (MHA); Baron (Vaurie, 1972:12); Zimmer, 1941a:18.

CHOTA, RÍO (MHA); see Chotano, Río.

CHOTA VALLEY Not located
No data, probably Cajamarca, but uncertain (Vaurie, 1972:12).

CHOTANO, RÍO; Cajamarca 0602/7906 (USBGN)
Rises around Chota [0633/7839 (USBGN)] and flows NW to join Río Huancabamba, left bank of Río Marañón drainage (MHA as "Chota, Río"); Sztolcman's altitudes suggest localities near Chota or not far from it, below settlement, Sztolcman (Vaurie, 1972:12, as "Chota, Río").

CHOYMACOTA (Vaurie, 1972:12); see Choimacota, Río.

CHUCARAPE (MHA); see Chucarapi.

CHUCARAPI; Arequipa 1704/7144 (USBGN)
ca. 16 km from Punta de Bombón, on Río Tambo (MHA as "Chucarape");
Sanborn, Oct. 1939 (FMNH as "Hacienda Chucarape"); collector ?, 300 ft
[92 m] (MVZ).

CHUCCHO (Lamas, in litt.); see Chuckcha.

CHUCHUNGUS, RÍO; Amazonas 0505/7819 (USBGN)
ca. 200 m at mouth (MHA as "Río Chiriaca Chuchunga or Imaza"), rises
at ca. 0608/7735 and flows NW to right bank of Río Marañón (MAPA as
"Imaza or Chiriaco"); LSU party 35 km SW of town of Chiriaco [0512/
7822 (USBGN)] (LSUMZ as "Chiriaco, Río"); IGM as "Sushunga, Río"; Río
Chuchunga (or Shushunga) is a left bank tributary of Río Chiriaco [= Río
Imaza] (Lamas, in litt.).

CHUCHUNPUNTA; Huánuco ca. 0947/7601 (Hocking)
Temperate forest patch within 10 km of Acomayo, Hocking, Sept. 1970,
Aug. 1973, 10,000 ft [3,050 m] (FMNH), also at Bosque Chuchunpunta, ca.
2-3 mi [3-5 km] NE of Acomayo at N end of Río Chinchinga, Sept. 1966
(FMNH); variant Chunchunpunta.

CHUCHURRAS; Junín (FMNH); see Chuchurras; Pasco.

CHUCHURRAS; Pasco 1006/7509 (USBGN)
ca. 1,000 m, on Río Lorencillo, a Río Pachitea tributary (IGM); Vaurie
places in Junín as Chuchurras or Puerto Chuchurras; Hoffmanns (Vaurie,
1972:12); Zimmer, 1941b:6; Hocking, Oct. 1973 (FMNH as "Chuchurras,
Junin").

CHUCKCHA Not located
Sztolcman (Vaurie, 1972:12), variant Chukcha; Sztolcman (Taczanowski,
1884b:543); could be Chuccho, Piura [0449/7949 (USBGN)] (Lamas, in
litt.).

CHUCUITO; Puno 1553/6953 (USBGN)
3,871 m (CNG); W shore of Lago Titicaca on Bahía de Puno (MHA); H.-
W. and M. Koepcke, near Chucuito, Feb.-Mar. 1953 at 3,820 m and 3,900
m (Sanft, 1973:407); Smyth, Feb. 1939, Mar.-Apr. 1940 (FMNH); Sanborn,
Sept. 1941 (FMNH); M. Koepcke, Feb.-Mar. 1953, cultivated fields near
Chucuito at 3,820-3,850 m (MHNJP); M. Koepcke, 1958:170; Niet-
hammer, 1956:146, as "Chucuito, Bolivia").

CHUGUR; Cajamarca 0640/7845 (USBGN)
2,753 m (CNG); ca. 16 km SW of Chota, upper Río Chancay (MHA);
Watkins, Apr. 1926 at 9,000 ft [2,745 m] (M. Koepcke, 1961a:7); M.
Koepcke, Mar. 1958, cultivated fields (MHNJP); forest to 3,500 m (H.-
W. Koepcke, 1961:29).

CHUHUASI (Vaurie, 1972:12); see Urohuasi.

- CHUKCHA (Vaurie, 1972:12); see Chuckcha.
- CHUKISYUNCA (FMNH); see Chuquisyunca.
- CHULA Not located
Kalinowski (Vaurie, 1972:12).
- CHULI, MONTAÑA DE; Cajamarca Not located
Sztolcman, 6 km from Chota [0633/7839 (USBGN)] on route to Tacabamba [0623/7837 (USBGN)] at 9,000 ft [2,745 m], and 7,000-9,000 ft [2,135-2,745 m] Dec. 1877 (Taczanowski, 1879:228).
- CHULID; Cajamarca ca. 0630/7839 (MHA)
ca. 2,000 m, ca. 6 km N of Chota [0633/7839 (USBGN)], left bank of Río Marañón drainage (MHA); Sztolcman, Jelski, Raimondi (Vaurie, 1972:12) also as "Chulit".
- CHULIT (Vaurie, 1972:12); see Chulid.
- CHULOCONUO (Chubb, 1919b:3); see Chulucanas.
- CHULÓN, RÍO (MHA); see Chillón, Río.
- CHULUCANAS; Piura 0506/8010 (USBGN)
92 m (CNG); on Río Piura (MHA); Simons, Aug. 1899 at 80 m (Chubb, 1919b:3, as Chuloconuo); Simms [probably = Simons] (Vaurie, 1972:12).
- CHUMBES; Ayacucho 1325/7354 (USBGN)
ca. 3,000 m, Río Apurímac drainage (MHA as "Chumbis"); at 9,000 ft [2,745 m], above Ninabamba on road to Ayacucho, Morrison, Sept. 1939 (Morrison, 1948a:120); Vaurie, 1972:12, as "Chumbis."
- CHUMBIS (MHA; Vaurie, 1972:12); see Chumbes.
- CHUMCHA (MHNJP); see Chuncha.
- CHUNATAHUA; Huánuco ca. 0937/7601 (FMNH)
Tingo María region, Hocking, July 1974 (FMNH).
- CHUNCHA; Lima ca. 1140/7629 (LSUMZ)
Upper Santa Eulalia valley, ca. 75 km NE Lima, brushland with *Polylepis* forest on ridges to S, LSU party (LSUMZ); M. Koepcke, Mar. 1966 (MHNJP as "Chumcha").
- CHUNCHAMAYO (Vaurie, 1972:12); see Chanchamayo.
- CHUNCHOC (Vaurie, 1972:12); see Chuncho Islands.
- CHUNCHO ISLANDS; Madre de Dios Not located
"Probably = islands at mouth of Río Chunchoc, called also Río Eliás Aguirre, 1301/6929" (Vaurie, 1972:12).
- CHUNCHOS Not located
"Region of Chunchos," probably = Chuncho Territory (Vaurie, 1972:12);

probably = Chanchamayo valley, NE of San Ramón (Lamas, in litt.).

CHUNCHOTAMBO Not located
"Territory of the Chuncho tribe," probably in Chuncho Territory, q.v.,
Tschudi (Vaurie, 1972:12).

CHUNCHO TERRITORY; Junín ca. 1113/7510 (Vaurie)
Chuncho is name for jungle Indians, may refer to Campa Indians in and
near the Chanchamayo valley (Río Chanchamayo), no area has been
expressly given this name (Plenge, in litt.); Tschudi (Vaurie, 1972:12, also
as "Chunchotambo"); Tschudi, region of Chunchos (Taczanowski, 1884b:-
180).

CHUNCHUNPUNTA (FMNH); see Chuchunpunta.

CHUPUN Not located
Probably error for Chepén, Jelski (Vaurie, 1972:12).

CHUQUIBAMBA Not located
There are several localities with this name but Zimmer believed this
Chuquibamba = Choquisongo, La Libertad [= Chuquizonco, 0745/7825
(USBGN)] (Vaurie, 1972:12); Lamas doubts Zimmer's explanation (Lamas,
in litt.).

CHUQUIBAMBA; Arequipa 1550/7239 (USBGN)
2,945 m (CNG); on Río de Majes affluent, Pacific drainage (MHA); M.
Koepcke, Jan. 1956 at 3,500 m (M. Koepcke, 1961a:13); Koepcke, on road
from Chuquibamba to Pampacolca [1543/7233 (USBGN)] in *Polylepis*
community (MHNJP); H.-W. Koepcke, 1961:29.

CHUQUIBAMBILLA; Apurímac 1407/7243 (USBGN)
3,320 m (CNG); Río Apurímac drainage (MAPA); Hocking, May 1975,
8,000 ft? [2,440 m?] and in puna above at 13,000 ft [3,962 m] (FMNH).

CHUQUISONGO (Lamas, 1976:24); see Chuquizonco.

CHUQUISYUNCA; Junín ca. 1115/7532 (FMNH)
10,000 ft [3,050 m] on trail N of Río Palca, ca. 25 km W of San Ramón,
Chanchamayo valley, Hocking, Oct. 1967, also as Chukisyunca and at
Monte Alto de Chukisyunca (FMNH).

CHUQUIZONCO; La Libertad 0745/7825 (USBGN)
One-half day journey N of Motil [= Hacienda Motil], high meadows, Baer,
Mar. 1900 at 2,200 m (Simon, 1902:177, as "Hacienda Choquisongo");
Lamas, 1976:24, as "Chuquisongo"; FMNH as "Hacienda Chuquisongo";
Vaurie, 1972:12, as "Choquisongo."

CHURAI; Junín ca. 1143/7446 (MHA)
ca. 2,500 m, upper Río San Fernando, Río Mantaro drainage, ca. 10 km
NW of Andamarca (MHA); Jelski, Kalinowski (Vaurie, 1972:12, also as
"Churay" and "Charay"); Zimmer, 1941a:18.

CHURAY (Vaurie, 1972:12); see Churai.

- CHURÍN; Lima 1046/7653 (USBGN)
ca. 3,000 m, upper Río Huaura (MHA); LSU party (LSUMZ); Weyrauch,
Aug. 1952, at 2,300 m (MHNJP); M. Koepcke, 1958:166.
- CHURRINCHE Not located
Peale (Vaurie, 1972:12).
- CHUSGÓN; La Libertad ca. 0750/7755 (Vaurie)
12 km from Sarín on Río Chusgón, left bank affluent of Río Marañón
(Dicc. Geogr.); Baron, 8,500 ft [2,593 m], Feb. 1894 (Salvin, 1895:3);
Baron (Vaurie, 1972:12).
- CHYAVETAS (Vaurie, 1972:13); see Chayahuitas.
- CHYAVITAS (Sclater & Salvin, 1867a:748); see Chayahuitas.
- CHYION Not located
No date, Zimmer said this locality = Chapen, which is "probably on the
NW coast," but Chapen not located either (Vaurie, 1972:13); = Río Chillón
[1155/7705 (USBGN)], Lima (Lamas, in litt.).
- CIENEGUILLA; Lima 1208/7649 (USBGN)
300 m (CNG); on Río Lurín, ca. 20 km ESE Lima (IGM); cultivated valley,
arid rocky slopes above river, ca. 300 m, LSU party (LSUMZ).
- CINIPA, RÍO (Vaurie, 1972:13); see Cenepa, Río.
- COCA; Loreto Not located
"On Río Napo at the mouth of Río Curaray," Oberholser (Vaurie,
1972:12); Zimmer, 1951a:45; mouth of Río Curaray is 0222/7405
(USBGN); Oberholser did not collect in Peru contra Vaurie (Plenge, in
litt.).
- COCACHACRA; Arequipa 1706/7146 (USBGN)
ca. 100 m, ca. 11 km from coast (MHA); Watkins, June 1920 (Zimmer,
1941c:19); Vaurie, 1972:13, variants Cocachana, Cochackacka, and Co-
cohaa.
- COCACHANA (Vaurie, 1972:13); see Cocachacra.
- COCHABAMBA; Cajamarca 0629/7854 (USBGN)
1,667 m (CNG); ca. 30 km downriver from Chota on Río Chotano
(MAPA); Sztolcman (Vaurie, 1972:13), variant "Cochabamba, Province de,
to Succha".
- COCHABAMBA; La Libertad 0749/7753 (USBGN)
ca. 2,300 m, on Río Chusgón, tributary to left bank of Río Marañón
(MHA); 6,500 ft [1,985 m], Carriker, June, 1932? (Bond, 1945:18).
- COCHABAMBA, PROVINCE DE, to SUCCHA Not located
= Cochabamba, Cajamarca [0629/7854 (USBGN)], according to Zimmer,
Baron, Baer (Vaurie, 1972:13); Baer locality not in Cajamarca, may be
Succha, La Libertad (Lamas, in litt.); Baron was also at Succha, q.v., and
Zimmer was probably wrong.

- COCHA CASHU BIOLOGICAL STATION; Madre de Dios ca. 1151/7119
(Munn & Terborgh)
ca. 400 m in Manu National Park near oxbow in Río Manu, ca. 80 km
upstream from the mouth of Río Manu [1216/7051 (USBGN)]; Terborgh
and Munn, July 1974, Aug.-Nov. 1976, July, Aug. 1978, primary tropical
forest (Munn & Terborgh, 1979:338); Fitzpatrick (Fitzpatrick, 1980:43);
Willard, Oct. 1976 (Willard, 1979:158); Fitzpatrick, 240 m, July 1974,
Oct. 1976 (FMNH); Fitzpatrick, between June 1974 and Sept. 1977
(Fitzpatrick, 1980a:43); Brokaw and Terborgh, Aug. 1973 (FMNH).
- COCHACHACRA (Vaurie, 1972:13); see Cocachacra.
- COCHAMAL; Amazonas 0621/7730 (USBGN)
1,620 m (CNG); upper Río Huambo (MHA); does not = Sztolcman's
Achamal or Bajada de Achamal, contra Vaurie, 1972:13 (Lamas, in litt.).
- COCHA MARTA Not located
Ortiz de la Puente, in region of Río Huallaga, possibly near La Merced
de Cachiyaquillo [ca. 0753/7641 (Lamas, in litt.)] (MHNJP).
- COCOCHAUA (Vaurie, 1972:13); see Cocachacra.
- COCOCHÓ; Amazonas ca. 0612/7821 (Vaurie)
On road between Cutervo and Chachapoyas, ca. 3 km from Río Marañón,
Sztolcman, Aug. 1879, July 1880 at 5,800 ft [1,770 m] (Taczanowski,
1882:3); Jelski (Vaurie, 1972:13).
- COCOY; Lima ca. 1113/7736 (Tovar)
Near Huacho, Tovar, Oct. 1964 (Tovar, 1969:532).
- COILLOMA (Vaurie, 1972:13); see Cailloma.
- COJABAMBA (Vaurie, 1972:13); see Cajabamba.
- COJOBAMBA (Vaurie, 1972:13); see Cajabamba.
- COLÁN; Piura 0500/8105 (USBGN)
Port on Bahía de Paita, ca. 11 km N and E of Paita (MHA); Garnot, Mar.
1823 (Lesson & Garnot, 1826:257); H.-W. Koepcke, 1961:29.
- COLÁN, CORDILLERA DE; Amazonas ca. 0533/7819 (LSUMZ)
To ca. 3,450 m, large semi-isolated mountain range NE of Bagua Chica,
LSU parties operated 5 camps in 1978, from 1,675-3,200 m, ranging from
subtropical cloud forest through temperate cloud forest and pajonal
(LSUMZ); Graves, 1980:3, as "Cordillera Colon"; Schulenberg, 3,025 m,
Aug., Sept. 1978 (Schulenberg and Graham, 1981:242; O'Neill and
Schulenberg, 1979:611); see, also, La Peca Nueva.
- COLCA (Vaurie, 1972:13); see Calca.
- COLCABAMBA; Ancash 0935/7749 (USBGN)
3,136 m (CNG); W slope, W Andes, ca. 20 km W of Huaráz (MHA); S
Casma valley, M. Koepcke, Aug. 1956 at ca. 2,900 m (M. Koepcke,
1961a:11); Plenge, 1979:4; H.-W. Koepcke, 1961:29.

- COLCABAMBA; Huancavelica 1220/7442 (USBGN)
2,979 m (CNG); left bank of Río Mantaro drainage, ca. 20 km E of
Pampas (MHA); LSU party (LSUMZ).
- COL DE LA MUJAD (Dorst, 1956b:269); see La Viuda.
- COLES, PUNTA; Moquegua 1742/7123 (USBGN)
Sea level, ca. 9 km SW of Ilo (MHA); Watkins (Vaurie, 1972:13); Fagan,
Sept. 1922, 15 mi offshore near Mollendo (Wetmore, 1922:170); Tovar,
1969:527.
- COLLAHUATE; Cuzco Not located
Small village in Province of Chumbivilcas [1425/7200 (USBGN)], District
of Livitaca (Dicc. Geogr.); Baer's native collector, Mar. 1902 (FMNH).
- COLLPA; Madre de Dios ca. 1250/6930 (FMNH)
ca. 200 m, on left bank of Río Tambopata, N of confluence with Río
Malinowski, Blake, Aug.-Sept. 1958 (FMNH).
- COLMENA; Cajamarca ca. 0630/7904 (LSUMZ)
LSU party (LSUMZ).
- COLON, CORDILLERA (Graves, 1980:3); see Colán, Cordillera.
- COLONIA DEL PERENÉ (MHA); see Perené.
- COLORADO, PUNTA; Ancash ca. 1030/7800 (Tovar)
Guano point, Tovar, 1962-1965 (Tovar, 1969:527).
- COLORADO, RÍO; Junín ca. 1057/7520 (Lamas, in litt.)
Small tributary of Río Chanchamayo N of La Merced [1103/7519
(USBGN)], Zimmer, Jan.-Feb. 1923 at 2,300 ft [700 m] (Zimmer,
1930:239); see, also, Hacienda Pampa Americana and Río Blanco.
- COLORADO, RÍO; Madre de Dios 1239/7020 (USBGN)
Tributary to right bank of Río Madre de Dios (IGM as "Río Colorado or
Arenas"); C. Kalinowski at mouth, Oct.-Nov. 1954 at ca. 280 m, junction
of Ríos Colorado and Manu (FMNH, also as "Boca Colorado"); Blake, Oct.
1958 (Blake, 1959b:373); also known as "Karene" or "Carene" (Lamas, in
litt.).
- COLPANI; Cuzco 1306/7238 (USBGN)
ca. 1,500 m (MHA); right bank of Río Urubamba, ca. 9 km downriver
from Machu Picchu (IGM); Vaurie, 1972:13; Vaurie gives longitudinal
coordinates as 7328 W, probably typo for 7238 W.
- COMAINA, RÍO; Amazonas 0427/7813 (USBGN)
Left bank of Río Marañón drainage via Río Tambomori (IGM); LSU party
at Kusú [ca. 0427/7816] (O'Neill, 1969:9).
- COMAS; Junín 1146/7502 (USBGN)
3,284 m (CNG); upper Río Tulumayo, ca. 45 km ENE of Jaujas (IGM);
LSU party, NE of Comas (Graves, 1980:4).

- COMBERCIATO, RÍO; Cuzco ca. 1228/7307 (MHA)
ca. 700 m, tributary to left bank of Río Urubamba (MHA); deep, narrow,
forested valley, humid, tropical, Heller, Sept. 1915 at 1,800-2,000 ft
[550-610 m] (Chapman, 1921b:26).
- COMPÁN (Vaurie, 1972:13); see Cumpang.
- COMPURSIATO, RÍO (Vaurie, 1972:13); see Comberciato, Río.
- COMUCERO (FMNH); see Camucheros, Lago.
- COMUCHERAS (FMNH); see Camucheros, Lago.
- CONCEBIDAYOC, RÍO (IGM, MAPA); see Cosirení, Río.
- CONCEPCIÓN; Junín 1155/7517 (USBGN)
3,283 m (CNG); town on left bank of Río Mantaro, on central railway
(MHA); LSU party at 3,290 m (LSUMZ); Castro, Dec. 1969 at 3,650 m
(MHNJP).
- CONĈHAPEN MT.; Junín ca. 1050/7507 (Hocking)
ca. 5,800 ft [1,770 m], Yurinaqui Alto is at foot of this mountain,
Hocking, various dates 1967-1970, at 4,500-5,800 ft [1,375-1,770 m], also
as Conchapent Mt., Jan. 1974 at 5,000 ft [1,525 m], G. López for
Hocking, Aug. 1967 (FMNH).
- CONĈHAPENT MT. (FMNH); see Conĉhapen Mt.
- CONDAMO (FMNH); see Candamo.
- CÓNDOR, CORDILLERA DEL; Cajamarca ca. 0502/7851 (Fitzpatrick,
Terborgh & Willard)
Isolated mountain range between Río Chinchipe and Río Marañón (MHA);
E of ridge, 20 km from N border of Peru on S end of Cordillera, 2,200
m, Fitzpatrick, Willard, and Terborgh, June 1975, July 1976 (Fitzpatrick,
Terborgh, and Willard, 1977:195); see, also, San José de Lourdes.
- CONDORNAY; Junín Not located
"Above Condornay," probably near 1122/7524, Jelski (Vaurie, 1972:13).
- CONIMA; Puno 1526/6926 (USBGN)
3,860 m (CNG); on Lago Titicaca, NE shore (MHA); Garman, Jan.-Mar.
1875 (Allen & Garman, 1875:353, as "Conimo"); H.-W. Koepcke and M.
Koepcke, Mar. 1953, between Conima and Moho [1521/6930 (USBGN)] at
3,900 m (Sanft, 1973:415); Agassiz (Vaurie, 1972:13); Agassiz did not
collect in Peru, contra Vaurie (Plenge, in litt.).
- CONIMO (Allen & Garman, 1875:353); see Conima.
- CONLOCO; Cajamarca ca. 0558/7840 (Lamas, in litt.)
On Río Marañón, Sztolcman (Vaurie, 1972:13).

- CONOCOCHA, LAGO; Ancash 1005/7718 (USBGN)
Part of headwaters of Río Santa (MAPA); MHA as "L. Corococha"; LSU party (LSUMZ); collector ?, 75 km S of Huarás, 12,500 ft [3,813 m] (MVZ).
- CONSUELO; Cuzco ca. 1308/7115 (FMNH)
1,000 m, ca. 17 km by road WSW of Pilcopata on Cosñipata highway in Río Cosñipata valley, Km 165, Fitzpatrick and Willard, 1,000-1,400 m above road in upper tropical forest, Oct.-Nov. 1981 (FMNH).
- CONTAMANA; Loreto 0715/7454 (USBGN)
134 m (CNG); right bank of Río Ucayali, N of Isla Pachitea (MHA); humid tropical zone, Schunke May 1947 (Traylor, 1958:87); Mounsey, Dec. 1912 (FMNH).
- CONVENCIÓN, VALLE DE (Brack-Egg, 1970:146); see Santa Ana, Valley of.
- CORACORA; Ayacucho 1502/7347 (USBGN)
3,201 m (MHA); on tributary to Río Yauca, Pacific drainage (IGM); J. Kalinowski, July, Nov. 1893-Apr. 1894, 11,500 ft [3,505 m] (Berlepsch & Sztolcman, 1906:66); Vaurie, 1972:13, gives 1511/ 7338 as coordinates, but USBGN coordinates agree with IGM and H.-W. Koepcke (H.-W. Koepcke, 1961:29).
- CORAL (Vaurie, 1972:13); see Corral.
- CORAL, RÍO DE Not located
Presumably near Coral [= Corral, Amazonas, ca. 0630/7723 (Vaurie)]; Sztolcman (Vaurie, 1972:13).
- COREUGES, PÁRAMO; La Libertad (Chubb, 1919b:3); see Corongo, Páramo de; Ancash.
- CORIHUAYRACHINA; Cuzco ca. 1312/7232 (Lamas)
= "Corrihuayrachina" of Vaurie (Lamas, 1976:24); near Machu Picchu (Vaurie, 1972:13, as "Corrihuayrachina Ruins").
- COROCOCHA, LAGO (MHA); see Conococha, Lago.
- CORONGO; Ancash 0835/7755 (USBGN)
3,192 m, Río Santa drainage (MHA); "Páramo de Corongo," Simons (Vaurie, 1972:13, as "Corongo, La Libertad").
- CORONGO; La Libertad (Vaurie, 1972:13); see Corongo, Ancash.
- CORONGO, PÁRAMO DE; Ancash ca. 0835/7755 (Lamas)
= "Páramo Coreuges" of Chubb (Lamas, in litt.); Simons, between Mollepata, Páramo and Uramarca, Dec. 1899 at 3,300 m [Chubb, 1919b:3, as "Coreuges, Páramo, La Libertad").
- COROSHA; Amazonas 0550/7745 (USBGN)
ca. 1,500 m, ca. 42 km NNE of Chachapoyas, on Río Chiriaco (IGM); collector ?, 3.5 mi [6 km] by road SE, 6,700-6,900 ft [2,044-2,105 m] (MVZ).

- CORRAL; Amazonas** ca. 0630/7723 (Vaurie)
ca. 2,000 m, ca. 4 km S of Totorá in Río Huambo drainage (MHA as "Coral"); Sztolcman, July-Aug. 1880 (Taczanowski, 1884a:69); Vaurie, 1972:13, as "Coral."
- CORRALES (MHNJP);** see San Pedro de los Incas.
- CORRAL QUEMADO; Amazonas** 0544/7840 (USBGN)
Town on Río Marañón, ca. 8 km S of Bellavista (IGM); LSU party, on Corral Quemado Highway, Oct. 1973 at ca. 900 ft [275 m] at Km 381.4 (Weske & Terborgh, 1977:145); bridge over Río Marañón on Olmos-Bagua Chica road (LSUMZ).
- CORRIHUAYRACHINA RUINS (Vaurie, 1972:13);** see Corihuayrachina.
- COSHIBOYA** Not located
"lacs du Coshiboya," Bartlett (Vaurie, 1972:13); see Cashiboya.
- COSIRENI, RÍO; Cuzco** 1233/7304 (USBGN)
Tributary to left bank of Río Urubamba (MHA); originates in confluence of Río San Miguel and Río Pampaconas, humid tropical zone, Heller collected near Yuvini; Heller, Sept. 1915 (Chapman, 1921b:26); Río Cosireni is called Río Concebidayoc on IGM and MAPA.
- COSÑIPATA; Cuzco** 1304/7111 (USBGN)
ca. 830 m on Río Cosñipata (MHA); C. Kalinowski, Sept. 1954 (FMNH); Carriker at 2,350 ft [715 m] (Bond, 1951:66); Whitely, Sept.-Nov. 1868, May-Aug. 1871 (Whitely, 1873:784); Gould, 1872:452; Sclater and Salvin, 1868b:568; see, also, Cosñipata, Río, and Hacienda Villa Carmen.
- COSÑIPATA, RÍO; Cuzco** 1302/7110 (USBGN)
Rises in Cordillera de Carabaya and flows to Río Madre de Dios (MHA); Whitely, May-July 1871 at 2,300 ft [700 m] (Whitely, 1873:188); Whitely, Sept.-Nov. 1868 at 2,350 ft [715 m] (Sclater & Salvin, 1869c:597); sometimes spelled, "Kcosñipata."
- COYLLORBAMBA** Not located
"Very old specimen" (MHNJP).
- CRUCERO, Cuzco (Vaurie, 1972:13);** see Crucero, Puno.
- CRUCERO; Puno** 1421/7000 (USBGN)
4,124 m (CNG); on Río Carabaya, Lago Titicaca drainage (IGM); Simons, Raimondi (Vaurie, 1972:13); Vaurie places Crucero in Cuzco, but gives coordinates for Crucero in Puno; on pass between Puno and upper Río Inambari, Simons, June 1900 at 4,500 m (Chubb, 1919b:4); collector ?, 13,500 ft [4,118 m] (MVZ); Raimondi (Taczanowski, 1886:95).
- CRUZ BLANCA; Piura** 0520/7932 (LSUMZ)
ca. 2,900 m; highest point on road between Canchaque and Huanca-bamba, junction of humid temperate forest with pajonal grassland, LSU parties, 1974, 1975 (LSUMZ); see, also, El Tambo, Piura.

- CRUZ DE MAYO; Madre de Dios ca. 1230/7102 (FMNH)
Left bank of upper Río Madre de Dios, C. Kalinowski, Oct. 1960 at 350 m (FMNH).
- CUCARACHA; Tumbes ca. 0330/8030 (Vaurie)
Vanished islet off the old mouth of Río Tumbes, Sztolcman (Vaurie, 1972:13, also as "Cucaracho"); Jelski and Sztolcman, 1876 (Taczanowski, 1877a:319, as "Curaracha").
- CUCARACHO (Vaurie, 1972:13); see Cucaracha.
- CUCAS (Vaurie, 1972:13); see Cacas.
- CUCHERO (Vaurie, 1972:13); see Vista Alegre.
- CUCULLATA, LAGUNA Not located
"Near Tacna" [1801/7015 (USBGN)], Frobeen (Taczanowski, 1886:478); may = Chacalluta [1824/7019 (USBGN)] in Chile (Vaurie, 1972:13).
- CUESTA DE LEJIA (Lamas, 1976:20); see La Lejia.
- CUEVA GRANDE; Huánuco 0912/7557 (USBGN)
750 m, ca. 7 km upstream from Tingo María (MHA as "Cueva"); Heller, Oct. 1922 (FMNH).
- CUEVA SECA; San Martín Not located
There is a Río Cueva Seca, a left bank tributary to Río Mishollo, W of Ongón [0816/7658 (USBGN)] (MF); Zimmer also noted a Cueva Seca on Río Mixiollo [= Río Mishollo], but because of explicit mention of Río Tocache, Vaurie, 1972:13, believes this location doubtful; Baer, Aug. 1900 at 1,800 m on Río Tocache (Ménégaux, 1910b:319); there are three "Cuevas" on Río Tocache, any one of which might be this locality: Cueva Arellana [0821/7649 (USBGN)], Cueva de Chunchi [0812/7635 (USBGN)] and Cueva Pintada [0821/7646 (USBGN)], the latter called Cueva on IGM.
- CUEVO; Huánuco ca. 0927/7552 (FMNH)
At confluence of Río Cayumba with Río Huallaga, Zimmer, Sept. 1922 (FMNH); see, also, Chaglla.
- CULEBRA, RÍO (MHA); see Culebras, Río.
- CULEBRAS; Ancash 0953/7806 (USBGN)
Settlement on Río Culebras, N of Huarmey (H.-W. Koepcke, 1961:29).
- CULEBRAS, PUNTA; Ancash 0957/7815 (USBGN)
Point SW Huarás (MHA); Tovar, 1962-1965 (Tovar, 1969:527).
- CULEBRAS, QUEBRADA DE (Taczanowski, 1884a:499); see Culebras, Río.
- CULEBRAS, RÍO; Ancash 0956/7813 (USBGN)
Flows SW to Pacific (MHA as "Río Culebra"); Raimondi (Taczanowski, 1884a:499, as "Culebras, Quebrada de"); Raimondi (Vaurie, 1972:28, as "Quebrada de Culebras"); usually dry (H.-W. Koepcke, 1961:29); see, also, Culebras.

- CULLCUI; Huánuco ca. 0923/7642 (FMNH)
On Río Marañón, right bank, Zimmer, Dec. 1922 at 10,400 ft [3,170 m] (FMNH); tiny settlement bounded by steep, dry hills, arid subtropical zone, Zimmer, Dec. 1922 (Zimmer, 1930:239); Vaurie, 1972:14. gives "Cullquish" as variant.
- CULLQUISH (Vaurie, 1972:14); see Cullcui.
- CULLUHUAY; Lima 1119/7633 (USBGN)
Río Chillón valley, Ortiz de la Puente, Apr. 1952, at 3,510 m (MHNJP).
- CULQUI; Piura 0438/8001 (USBGN)
"Ayabaca" [0438/7943 (USBGN)], Vellard, Sept. 1955 (Berlioz, 1962:139).
- CULUMACHAY; Junín ca. 1122/7525 (Vaurie)
Near Maraynioc, J. Kalinowski, July-Oct. 1892 (Berlepsch & Sztolcman, 1896:342); Vaurie, 1972:14; Berlepsch & Sztolcman, 1902:34, variant Calamachay.
- CUMARÍA; Loreto, now Ucayali 0951/7401 (USBGN)
ca. 100 m (MHA); on right bank of Río Ucayali near confluence with Río Cumaría (MAPA); Fiedler, Feb., Apr. 1934 (Dunajewski, 1938:320).
- CUMBASA (Vaurie, 1972:14); see San Pedro de Cumbasa.
- CUMBASE (Vaurie, 1972:14); see San Pedro de Cumbasa.
- CUMBIBIRÁ; Piura 0517/8044 (USBGN)
Río Piura valley (M. Koepcke, 1971:4, as "Hacienda Cumbibirá").
- CUMBIL, RÍO; Cajamarca 0636/7915 (USBGN)
Tributary to upper Río Chancay, ca. 12 km above Chongoyape (MHA); Ortiz de la Puente, May 1951 at 600 m (MHNJP); H.-W. Koepcke, 1961:29; M. Koepcke, Mar. 1958 (M. Koepcke, 1961a:10).
- CUMBRE DE OROYA (Carriker, 1931:458); see La Cumbre de Oroya.
- CUMPANG; La Libertad ca. 0812/7710 (Vaurie)
Tambo between Uctubamba [= Utcubamba] and Río Miyioyo [= Río Mishollo] (Dicc. Geogr.); upper limits of warm forest, Baer, Aug. 1900 at 1,800 m and 2,400 m (Ménégaux, 1910b:319); variants Compán, Cumpung, Cumpong (Vaurie, 1972:13, as "Compan, San Martín"); Vaurie's coordinates place this in La Libertad; LSU party, Sept.-Nov. 1979, subtropical-temperate cloud forest (LSUMZ).
- CUMPONG (Vaurie, 1972:14); see Cumpang.
- CUMPUNG (Ménégaux, 1910b:319); see Cumpang.
- CUNJA (Vaurie, 1972:14); see Cunja, Isla.
- CUNJA, ISLA; Loreto 0530/7413 (USBGN)
ca. 100 m, in Río Ucayali, ca. 17 km S of northern mouth of Canal de Puinagua [= Canal de Puinahua] (MHA); Vaurie, 1972:14, as "Cunja."

- CUPISCO, AYLLU DE; Puno Not located
 "Between Huancané [1512/6946 (USBGN)] and Putina [1455/6952 (USBGN)]," de Macedo, June 1956 (Dorst, 1957c:128); probably = Cupisco, Laguna [1513/6949 (USBGN)].
- CUPITAY, RÍO; Ayacucho Not located
 Near National Vicuña Reserve in Pampa Galeras [1440/7423 (USBGN)], Brokaw, Aug.-Sept. 1974 (Brokaw, 1976:29).
- CURACOCOA (Vaurie, 1972:14); see Curicocha.
- CURAHUASI; Apurímac 1333/7242 (USBGN)
 2,763 m (CNG); ca. 25 km NE of Abancay (MHA); J. Kalinowski, May 1894 (Berlepsch & Sztolcman, 1906:103, as "Curahuasi, Cuzco"); Vaurie, 1972:14, variant Curuhuasi.
- CURAHUASI; Cuzco (Berlepsch & Sztolcman, 1906:103); see Curahuasi; Apurímac.
- CURANJA, RÍO; Loreto, now Ucayali 0958/7058 (USBGN)
 Rises at ca. 1020/7220, flows E to join Río Alto Purús (IGM); O'Neill, Dec. 1964, June 1968 near Balta, and Morony, June-July 1966 (MHNJP).
- CURARACHA (Taczanowski, 1877a:319); see Cucaracha.
- CURARAY, RÍO; Loreto 0222/7405 (USBGN)
 Large tributary to right bank of Río Napo (IGM); Carriker, mouth of river (Bond, 1953b:6); Brack Egg, 1970:242; also as Boca del Río Curaray (Plenge, in litt.); variant Voca del Río Curaray; AMNH specimen (Olson, 1980:73).
- CURICOCHA; Junín 1107/7550 (USBGN)
 ca. 3,000 m, on affluent of Río Huasahuasi (MHA); Jelski, "Lakelets of" Curicocha; probably small lake NW of Curicocha (Vaurie, 1972:14, 29), variants Curacocha, Rosacocha, Rosococha; LSU party (LSUMZ).
- CURISINI (Vaurie, 1972:14); see Cosireni, Río.
- CURI-YACU; Amazonas Not located
 "Río de Curi-Yacu," small affluent of upper Río Hambo [probably = Río Huambo] near Cochamal [0621/7730 (USBGN)], Sztolcman (Vaurie, 1972:14).
- CURUHUASI (Vaurie, 1972:14); see Curahuasi.
- CUSCO, DEPARTAMENTO DEL (USBGN); see Cuzco, Departamento del.
- CUSHE; Madre de Dios 1134/6958 (USBGN)
 ca. 300 m on Quebrada Billinghamurst (MHA); collector ? (FMNH).
- CUSHI; Pasco 0951/7537 (USBGN)
 ca. 1,700 m, left bank of Río Ucayali drainage, at mouth of Río Huaynuro ca. 40 km E of Pano (MHA); Hoffmans (Vaurie, 1972:14); MHA coordinates are ca. 0959/7542; Zimmer, 1936f:26, as "Cushi-Libertad."

CUSHI-LIBERTAD (Zimmer, 1936f:26); see Cushi.

CUTERAJARA (MHNJP); see Bosque Cutirragra.

CUTERVO; Cajamarca 0622/7851 (USBGN)
2,649 m (CNG); E slope, W Andes, ca. 30 km NW of Chota (MHA); Sztolcman, from 7,900-10,000 ft [2,410-3,050 m], Oct.-Dec. 1878, Jan. Feb., July, Oct., Dec. 1879 (Taczanowski, 1880:193); Sztolcman, between Cutervo and Sécota [0618/7844 (USBGN)], 16 km NE of Cutervo (Vaurie, 1972:14); Jelski (Vaurie, 1972:14); Zimmer, 1941a:18; LSU party (LSUMZ); M. Koepecke, 1958:142.

CUTERVO, PROVINCIA DE; Cajamarca 0622/7851 (USBGN)
District in W Andes, E slope (MAPA); Sztolcman, Raimondi, Jelski (Vaurie, 1972:14); see, also, Cutervo.

CUTIRRAGRA (FMNH); see Bosque Cutirragra.

CUYOCUYO; Puno 1429/6933 (USBGN)
3,401 m (CNG); SE slope of Cordillera Carabaya on headwaters of Rfo de Sandia (MHA); Dorst, Dec. 1960 (Dorst, 1961:563, as "Cuyo-Cuyo"); LSU party (LSUMZ).

CUYO-CUYO (Dorst, 1961:563); see Cuyocuyo.

CUYO-CUYO; Puno Not located
Collector ?, "Hacienda Checayani" [= Checayane, 1449/7001 (USBGN)], 21 mi [32 km] NE of Azángaro, 13,200 ft [4,026 m] (MVZ).

CUZCO; Cuzco 1331/7159 (USBGN)
3,399 m (CNG); J. Kalinowski, May 1894, Jan. 1898 (Berlepsch & Sztolcman, 1906:103); Whitely, Garlepp, Raimondi, Watkins (Vaurie, 1972:14); H. and C. Watkins, Oct. 1919 (Chapman, 1924a:8); dry bushland with grass, but mostly agricultural now, LSU party (LSUMZ); Hocking, 3 km on road to Acomayo [1355/7141 (USBGN)], May 1970, 3,700 m (MHNJP); Hughes, 3,500 m, Mar., Apr., year? (Hughes, 1980:229).

CUZCO, DEPARTAMENTO DEL 1230/7230 (USBGN)
S central Peru, bounded by Puno and Madre de Dios on E, Ucayali on N, Junín, Ayacucho, and Apurímac on W, and Arequipa on S; although USBGN gives the spelling, "Cusco," this gazetteer uses Cuzco, which seems to be in more common usage.

DERRUMBE, PAMPA DE; Cuzco ca. 1252/7246 (Vaurie, 1972:25)
Probably near Idma in vicinity of Santa Ana; J. Kalinowski, June-July,
Oct. 1894 (Berlepsch & Sztolcman, 1906:73).

DESAGUADERO; Puno 1634/6903 (USBGN)
3,809 m (CNG); SW end of Lago Titicaca on Bolivian border (MHA);
Carriker, May 1931 in hills, lake at 13,000 ft [3,965 m] (ANSP; Carriker,
1931:463; Zimmer, 1936a:11.

DESIERTO DE SECHURA (Vaurie, 1972:14); see Sechura, Desierto de.

DESVO OLMOS; Lambayeque Not located
Presumably near Olmos [0559/7946 (USBGN)], Hocking, Sept. 1975
(FMNH).

DIVIA, SUMBAY, COLCA (Chubb, 1919b:4); see Divia, Sumbay-Colca.

DIVIA, SUMBAY-COLCA; Arequipa ca. 1544/7104 (Lamas)
Divide between Río Sumbay and Río Colca (Lamas, 1976:24); Simons,
June 1900 at 4,500 m (Chubb, 1919b:4).

DIVISORIA (FMNH); see La Divisoria.

DON GERMÁN; Lima ca. 1307/7623 (LSUMZ)
ca. 50 m, agriculture, LSU party (LSUMZ); Cañete [= San Vicente de
Cañete, 1305/7624 (USBGN)], Ferrand, Feduccia, and O'Neill, Nov. 1964,
O'Neill, Apr. 1971 (Plenge, 1974:328, as "Hacienda Don Germán").

DON MARTÍN, ISLA; see San Martín, Isla.

DON MARTÍN, ISLOTE; see San Martín, Isla.

DUCK HOUSE (Morrison, 1939c:644); see Casa de Patos.

ECHACHUPATA (Vaurie, 1972:14); see Cachupata.

ECHARATE; Cuzco 1240/7237 (USBGN)
667 m (CNG); right bank of Río Urubamba (IGM); J. Kalinowski, Sept.
1894 (Berlepsch & Sztolcman, 1906:73); Chapman (Vaurie, 1972:14),
variant Echarati; see, also, La Convención, Valle del.

ECHARATI (Vaurie, 1972:14); see Echarate.

EL ALTO; Piura 0416/8113 (USBGN)
5 m, coastal town (IGM); arid littoral, LSU party (LSUMZ).

EL ANGOLO; Piura ca. 0428/8048 (LSUMZ)
ca. 90 km NW of Sullana, junction of arid scrub and seasonally dry
forest, D. Tallman and E. Tallman, 700 m, Nov. 1972 (Schulenberg and
Parker, 1981:209) (LSUMZ); probably this is the Angolo of USBGN and
H.-W. Koepcke, 1961:27.

EL ARENAL; Cajamarca Not located
On Río Huancabamba [0603/7907 (USBGN)], 7 km N and 50 km E of
Olmos [0559/7946 (USBGN)] and 1 km S and 7 km W of Pomahuaca
[0556/7914 (USBGN)], collector ?, 3,000 ft [915 m] (MVZ).

EL AYRO; Tacna ca. 1739/6940 (Plenge)
Military outpost on Chile/Peru border, W shore of Laguna Blanca,
collector ? (Plenge, 1982:170) (IGM).

EL CARBÓN (MHNJP); see Puerto Buena Vista.

EL CARMEN (MAPA); see Carmen.

EL CAUCHO; Tumbes 0350/8016 (USBGN)
SE of Tumbes near Ecuador border (IGM); in Bosque Nacional de Tumbes,
humid deciduous tropical forest, LSU party, June-July 1979, at 400-700
m (LSUMZ; Schulenberg & Parker, 1981:209).

EL CHORILLO, QUEBRADA; Piura 0610/8101 (USBGN)
Cerro Illescas, M. Koepcke, July 1958 at 150 m (M. Koepcke, 1963b:9,
11); H.-W. Koepcke, 1961:29.

EL ENCUESTRO; Loreto, now Ucayali ca. 1043/7343 (LSUMZ)
ca. 200 m, small farm and mission on W bank of Río Ucayali, ca. 5 km
down river from junction with Río Tambo, tropical forest, cattle and
agriculture along river, LSU party (LSUMZ).

EL ESPÍÑAL; Cajamarca 0649/7912 (USBGN)
On Río de Saña [= Río Zaña], Pacific drainage (MAPA); M. Koepcke, Apr.
1954 between 350-500 m (Sanft, 1973:408, as "Espinal" and "Hacienda
Espinal"); H.-W. Koepcke, 1961:29, as "Espíñal."

EL HUÁSIMO; Piura 0419/8012 (USBGN)
ca. 300 m, upper Río Chira (MHA); C. Kalinowski, June 1954 (FMNH as
"Huasimo").

- EL MILAGRO; Amazonas ca. 0539/7834 (LSUMZ)
ca. 475 m, army base on highway just W of Bagua Grande, arid scrub,
LSU party (LSUMZ); variant Milagro.
- EL PARAISO; Lima 1114/7738 (USBGN)
Coastal lagoon S of Huacho (Parker, Parker, & Plenge, 1982:82).
- EL SALTO; Tumbes ca. 0326/8017 (IGM)
Sea level (MHA); N Tumbes, near Ecuador border (IGM); Ortiz de la
Puente, May 1951 (MHNJP); on border (M. Koepcke, 1958:145).
- EL TAMBO; Cajamarca Not located
"(Casa Grande)," not far from Sunchubamba [0729/7824 (USBGN)], Niet-
hammer (M. Koepcke, 1961a:21).
- EL TAMBO; La Libertad (MHNJP); see Hacienda Tambo.
- EL TAMBO; Piura ca. 0520/7930 (Chapman)
9,200 ft [2,805 m], W slope, W of Huancabamba, Carriker (Bond, 1945:
18); Chapman, 1926a:14; above Palambla (Vaurie, 1972:14, as "El
Tampo"); Watkins, Dec. 1922 at 9,400 ft [2,865 m] (Zimmer, 1947b:13);
Watkins, Nov. 1922 (M. Koepcke, 1961a:25); Koepcke, May 1956, between
Canchaque and Huancabamba, ca. 2,700 m, temperate forest (MHNJP);
few km down road from Cruz Blanca on W slope, LSU party from Cruz
Blanca to El Tambo (LSUMZ); H.-W. Koepcke, 1961:29.
- EL TAMPO (Vaurie, 1972:14); see El Tambo; Piura.
- EL TARBON (MHNJP); see Puerto Buena Vista.
- EL TINGO (Carriker, 1934a:324; Vaurie, 1972:14); see Tingo de Saposo.
- EL TUTUMO (Lamas, in litt.); see Tutumo.
- ELVIRA; Loreto 0444/7442 (USBGN)
ca. 100 m, left bank of Río Marañón (MHA); Hauxwell (Bartlett, 1882:
373); Whitely, Raimondi (Vaurie, 1972:14); Hauxwell, Jan. 1877 (Warren,
1966:28); Whitely (Taczanowski, 1884a:240).
- ENCANTADO, LAGUNA; Lima Not located
San Vicente de Cañete [1305/7624 (USBGN)] area, Hocking, Nov. 1972
(FMNH).
- ENDOMARCA; Lima Not located
Near Huarochiri [1209/7614 (USBGN)] (M. Koepcke, 1968:225); probably =
San Lázaro de Escamarca, Lima, ca. 1210/7621 (Lamas, in litt.).
- ENE, RÍO; Junín 1109/7419 (USBGN)
The part of Río Apurímac between its confluences with Río Mantaro and
Río Perené (IGM); Weske, 1965-1966, near mouth of Río Chiquireni, ca.
1227/7409 (IGM), and near mouth of Río Saurini [= Río Suoreni,
1118/7416 (USBGN)] (Fitzpatrick, pers. comm.).

- ENEÑAS; Pasco 1045/7514 (USBGN)
4,000 ft [1,220 m], tambo and farm on Pichis trail, Chanchamayo valley,
E Andes, E slope, Carriker and Newbold, Jan., Mar. 1930 in forest,
4,000-5,200 ft [1,220-1,585 m] and at cerro to 6,000 ft [1,830 m] (ANSP;
Carriker, 1930:372); Zimmer, 1941b:22; Hocking, 5,000 ft [1,500 m], May
1973 (FMNH).
- ENSENADA; Arequipa 1707/7151 (USBGN)
ca. 6 km ESE of Mejía (IGM); von Wedemeyer, Jan., Mar. 1965 (MHNJP).
- ENTSE KETAI; Amazonas Not located
Río Cenepa, ca. 1 mi [1.6 km] W of Huampami [not located]; "Etsa" [=
creek], collector ? (MVZ), variants Etsa Ketai, Etseketai Creek.
- ESCAPAL (Berlepsch & Sztolcman, 1906:105); see Escopal, Río.
- ESCAPAL, RÍO; Cuzco ca. 1316/7032 (Vaurie)
Valley of Río Marcapata, J. Kalinowski, Oct.-Nov. 1898 (Berlepsch &
Sztolcman, 1906:105, as "Escopal"); Vaurie, 1972:14.
- ESCOZASÍN (Brack Egg, 1970:180); see Iscozacín.
- ESCOZUZÁN (Lamas, in litt.); see Iscozacín.
- ESPERANZA; Cajamarca (MHA); see La Esperanza.
- ESPERANZA; Huánuco ca. 0943/7605 (MHA)
ca. 3,500 m, ca. 11 km N of Acomayo (MHA); subtropical forest,
Hocking, Apr. 1972, May 1973 (FMNH), also as "Punta Esperanza"; LSU
party (O'Neill & Parker, 1976:140, as "Punta de Esperanza").
- ESPERANZA; Junín (Vaurie, 1982:14); see Hacienda La Esperanza.
- ESPERANZA; Loreto, now Ucayali 0949/7045 (USBGN)
On Río Alto Purús, ca. 50 km upriver from Brazilian border (IGM); ca.
250 m, tropical forest, LSU party (LSUMZ).
- ESPERANZA, QUEBRADA; Loreto ca. 0420/7155 (IGM)
Affluent to left bank of Río Yavarí-Mirín (IGM); C. Kalinowski, Sept.
1957 at 200 m, above San Vicente [not located] (Blake, 1959b:374).
- ESPINAL (Sanft, 1973:408); see El Espinal.
- ESPINO (Sutter, in litt.); see Espino, Cerro.
- ESPINO, CERRO; Piura 0433/8055 (USBGN)
Markl, June 1964, between Mallares [0451/8046 (USBGN)] and Espino [=
Cerro Espino], 850 m (Sutter, in litt.).
- ESTERA ROHUANA (LSUMZ); see Estera Ruana.
- ESTERA RUANA; Ayacucho ca. 1243/7347 (LSUMZ)
ca. 1,900 m, on trail from Río Apurímac, at Luisiana, to Tambo

[1256/7401 (USBGN)], Weske and Terborgh (LSUMZ), variant Estera Rohuana.

ETEN; Lambayeque 0654/7952 (USBGN as "Villa Eten")
5 m (CNG); coastal town ca. 12 km S of Chiclayo (MHA); Simons, Sept., Oct. 1899, 15 m (Chubb, 1919b:256); Coker, Nov. 1907 (Coker, 1920:493); LSU party, 1977-1980, marshes, dunes, W of Eten, S of Río Eten mouth (LSUMZ); see, also, Puerto Eten; H.-W. Koepcke, 1961:29; no longer called Villa Eten (Plenge, in litt.).

ETSA KETAI (MVZ); see Entse Ketai.

ETSEKETAI CREEK (MVZ); see Entse Ketai.

EULALIA (FMNH); see Santa Eulalia.

ÉXITO; Huánuco 0926/7600 (USBGN)
ca. 800 m, on Río Cayumba, left bank of Río Huallaga tributary (MHA as "Hacienda Éxito"); Heller, Aug.-Sept. 1922 at 3,000 ft 1915 m (FMNH); Zimmer, July-Sept. 1922 (FMNH).

- FACLO, CERRO DE; La Libertad ca. 0717/7930 (H.-W. Koepcke)
ca. 150 m, NE of mouth of Río Jequetepeque (MHA as "Falco"); ca. 528
m (H.-W. Koepcke, 1961:29).
- FALCO (MHA); see Faclo, Cerro de.
- FAMARINDO (Chubb, 1919b:3); see Tamarindo.
- FARINA (Vaurie, 1972:14; Taczanowski, 1874b:501); see Tarma.
- FAWCETT, ALTA Not located
Rowan, May 1932 (MHNJP); may not be in Peru.
- FELIPE, PAMPA DE Not located
Near Huayabamba valley [0716/7644 (USBGN)], probably in San Martín
(Vaurie, 1972:25).
- FERNANDO STAHL MISSION; Loreto, now Ucayali Not located
Provincia de Coronel Portillo [0930/7320 (USBGN)], Andrews Univ. party,
580 ft [177 m], July 1964 (FMNH).
- FERREÑAFE; Lambayeque 0638/7948 (USBGN)
67 m (IGM); ca. 15 km NE of Lambayeque (MHA); H.-W. Koepcke,
1961:29).
- FERROL, BAY OF (Murphy, 1936:655); see Chimbote, Bahía de.
- FINGA [sic] DE YUGABI Not located
3,800 m, on Lago Titicaca, Stübel, Dec. 1876 (Ménégaux, 1909:225);
probably Peru, but possibly Bolivia.
- FLORIDA; Amazonas 0550/7755 (USBGN)
2,233 m (CNG); on shore of Laguna Pomacochas (IGM); LSU party
(LSUMZ).
- FLORIDA; Cajamarca (H.-W. Koepcke, 1961:31); see La Florida.
- FOMARINDO (Vaurie, 1972:14); see Tamarindo.
- FONDO; Piura Not located
Collector ?, 14 km N and 13 km E of Talara [0434/8117 (USBGN)], 100
ft [31 m] (MVZ).
- FONDO SINCHONA (FMNH); see Fundo Cinchona.
- FÔRET DE NANCHO (Taczanowski, 1883:71); see Nancho.
- FRANÇOIS; Pasco Not located
Mine at Huarón [1100/7625 (USBGN)], Ortiz de la Puente, May 1949
(MHNJP).
- FRONTÓN, ISLA; Lima 1207/7711 (USBGN)
ca. 6 km from Lima (MHA as "Isla de Frontón"); Vaurie, 1972:14;
Prentice, Aug. 1950 (MHNJP).

FUNDO CHELA; Loreto, now Ucayali Not located
Small farm on E slopes of Cordillera Azul [0900/7535 (USBGN)], sub-
tropical forest, LSU party (LSUMZ).

FUNDO CHINCONA (LSUMZ); see Fundo Cinchona.

FUNDO CINCHONA; Loreto, now Ucayali ca. 0905/7546 (LSUMZ)
ca. 5 km E of Divisoria, Schunke, Aug. 1947, subtropical zone at 1,300-
1,600 m (Traylor, 1958:87, as "Fundo Sinchona"); farm on E slope of
Cordillera Azul, subtropical forest with abandoned clearings, LSU party
(LSUMZ as "Fundo Chinchona"); MHNJP as "Fundo Sinchona, Huánuco";
FMNH as "Fondo Sinchona").

FUNDO QUERPÓN; Piura Not located
LSUMZ specimen (Fitzpatrick, 1980b:887).

FUNDO SINCHONA (Traylor, 1958:87); see Fundo Cinchona.

- GALERA; Junín** 1138/7612 (USBGN)
ca. 4,500 m (MHA); 15,700 ft [4,790 m], E entrance to tunnel of railroad through crest of W Andes, Carriker (Bond, 1945:19, as "La Galera"); Carriker, from 14,500-15,800 ft [4,425-4,820 m], "cold, frozen," Apr. 1930 (ANSP as "La Galera"); Simons, Feb. 1900 at 4,800 m (Chubb, 1919b:4); Vaurie, 1972:14; Twomey, Feb. 1939 (Trimble, 1943:411); Trimble's Galera is actually in Lima, but Twomey never collected there, only in Rimac valley between 1,828-2,438 m (Plenge, 1974:329); = Galera, Tunél de la (Lamas, in litt.).
- GALERA, TUNÉL DE LA** (Lamas, in litt.); see Galera.
- GALERAS, PAMPA; Ayacucho** 1440/7423 (USBGN)
Puna between Nazca [1450/7457 (USBGN)] and Puquio [1442/7408 (USBGN)], Brokaw, in National Vicuña Reserve, 3,950-4,200 m, Aug.-Sept. 1974 (Brokaw, 1976:26); Vuilleumier, 4,100 m (Vuilleumier & Simberloff, 1980:243); see, also, Laguna Turpococha, Yurajmarca, Río Cupitay, and Quenuahuasi.
- GANSO AZUL; Huánuco** 0851/7444 (USBGN)
Left bank of Río Pachitea (IGM); Sanborn, Apr. 1946 (FMNH as "Ganzo Azul").
- GANZO AZUL** (FMNH); see Ganzo Azul.
- GARITA** (Vaurie, 1972:14); see Garita del Sol.
- GARITA DEL SOL; Junín** ca. 1117/7521 (Vaurie)
Valley of Vítoc, J. Kalinowski, June-Dec. 1891, Mar., July, Dec. 1892, Feb.-Apr. 1893 (Berlepsch & Sztolcman, 1896:325); Vaurie, 1972:14, variants Garita, La Garita.
- GARROTE, RÍO; Cuzco** ca. 1330/7125 (Vaurie)
Kalinowski (Vaurie, 1972:15).
- GEVL, RÍO** (Vaurie, 1972:19); see Jevil, Río.
- GOCHAPAMPA; Apurímac** Not located
Near Virundo [ca. 1417/7241 (FMNH)] in Provincia de Grau, Hocking, Villar, Mar. 1977 at 12,000 ft [3,658 m] (FMNH).
- GRANADA; Lambayeque** ca. 0545/7939 (Schulenberg & Parker)
Near Olmos, LSU party, 300-525 m in seasonally dry forest, tall deciduous *Bombax*, *Erythrina*, *Celtis*, *Ficus*, 1977-1979 (Schulenberg & Parker, 1981:210).
- GRANADILLA** (H.-W. Koepcke, 1961:30); see Taulís.
- GRANDE, LAGUNA; Ica** 1409/7616 (USBGN)
Sea level, lagoon and town, ca. 50 km S of Pisco (IGM); N shore of Bahía de la Independencia, Ashmole and Tovar, Aug. 1968, Aug. 1969 (Plenge, 1974:326); Ashmole and Tovar, Dec. 1966 (Ashmole & Tovar, 1968:90); LSU party (LSUMZ); M. Koepcke, between Pisco and Laguna Grande, Jan. 1958 (MHNJP).

- GRANDE PINTOBAMBA (Lamas, 1976:21); see Pintobamba.
- GRANJA DE SATIPO (MHNJP); see San Francisco de Satipo.
- GRAO (Simons, 1901:202); see Caleta Grau.
- GRAU (Vaurie, 1972:15); see Caleta Grau.
- GRUPO DE HUAURA (Plenge, in litt.); see Huaura, Islas de.
- GUADALUPE, Cuzco (Vaurie, 1972:15); see Hacienda Guadalupe.
- GUADALUPE (Carriker, 1934a:320); see Guadalupe, Acequia de.
- GUADALUPE, ACEQUIA DE; La Libertad 0715/7928 (USBGN)
92 m (CNG); ca. 20 km NE of Pacasmayo (MHA); Carriker, May 1933 at
300 ft [90 m] (Carriker, 1934a:320 as "Guadalupe"); Raimondi (Vaurie,
1972:14); H.-W. Koepcke, 1961:30 as "Guadalupe."
- GUAJANGO (Sclater, 1879:145); see Huajango.
- GUAJUNGO (Warren, 1966:290); see Huajango.
- GUALAMA (Vaurie, 1972:15); see Hualama.
- GUAMA URCO; Loreto ca. 0328/7313 (Vaurie)
Collector ? (Vaurie, 1972:15).
- GUAÑAPE, ISLAS DE; La Libertad 0833/7857 (USBGN)
Guano islands S of Trujillo (MHA); Coker, Mar. 1907 (Coker, 1920:455);
Murphy, Jan. 1920 (Murphy, 1922:103); Tovar, Nov. 1963, Nov. 1965,
Guañape Norte (Tovar, 1969:529).
- GUANJUNGO (Warren, 1966:290); see Huajango.
- GUARIMARCA (Vaurie, 1972:15); see Huarmaca.
- GUAUNCO Not located
Perhaps error for Huánuco [0955/7614 (USBGN)], Delattre (Vaurie,
1972:15); Guánuco was old spelling of Huánuco (Lamas, in litt.).
- GUAYABAMBA (Chubb, 1917:5); see Santa Rosa de Huayabamba.
- GUAYABAMBA MOUNTAINS (Vaurie, 1972:15); see Santa Rosa de Huaya-
bamba.
- GUAYANGO (Vaurie, 1972:15); see Huajango.
- GUICHA Not located
On Lago Titicaca, Garman (Allen & Garman, 1875:358); could be either
Peru or Bolivia.

- HACHAPATA; Junín Not located
 10,000 ft [3,050 m], near forest of Pumamarca [not located] on upper Río Huasahuasi [1115/7531 (USBGN)], large meadow, Jelski, 1873 (Taczanowski, 1884a:72).
- HACIENDA ALCOTANGA; Junín ca. 1200/7450 (Lamas)
 Raimondi, "mountains of Huancayo" (Vaurie, 1972:6, as "Alcatanga"); Lamas, 1976:24; E of Huancayo (MHNJP as "Alcotanga"); Raimondi (Taczanowski, 1886:2).
- HACIENDA AMBUDÚ; Cajamarca ca. 0706/7902 (FMNH)
 Near Tembladera, Jequetepeque valley on road from Vatahual to San Miguel a little beyond Platanal, Hocking, Aug. 1973 (FMNH).
- HACIENDA ANGASMARCA (Lamas, in litt.); see Angasmarca.
- HACIENDA ANGOLO (MHNJP); see Angolo.
- HACIENDA ARAQUEDA (Ménégaux, 1910b:319); see Araqueda.
- HACIENDA BIGOTES (FMNH); see Bigote.
- HACIENDA BOCA CHICA (Robbins and Wiedenfeld, 1982:83); see Boca Chica.
- HACIENDA BUENAVISTA; La Libertad ca. 0829/7838 (MHA)
 ca. 200 m, in Río Chao valley (MHA); Hocking, Feb. 1975, Hocking and Martínez, Jan. 1975, Hocking and Villar, Jan. 1975 at ca. 1,000 ft [305 m] (FMNH as "Buena Vista").
- HACIENDA CADENA (Traylor, 1952:19); see Cadena.
- HACIENDA CAIMITO; Amazonas Not located
 Collector ?, 4.6 km SE of Bagua Grande [0547/7826 (USBGN)], 1,500 ft [458 m], 10 km SE of Bagua Grande, alt. ? (MVZ).
- HACIENDA CALACALA; Puno ca. 1502/6956 (Vaurie)
 Collector ?, ca. 7 mi [11 km] SW of Putina [1455/6952 (USBGN)], 37 mi [59 km] NNE of Juliaca [1530/7008 (USBGN)], 13,000-13,500 ft [3,965-4,118 m], also 15 mi [24 km] SE, 12,700 ft [3,874 m] (MVZ); Koford (Vaurie, 1972:15); not on our maps.
- HACIENDA CAMBRÍA; Puno ca. 1442/6949 (IGM)
 ca. 4,000 m, Lago Titicaca drainage (IGM as "Cambría"); de Macedo, Feb. 1966, at 4,750 m (MHNJP).
- HACIENDA CAPANA (FMNH); see Capana.
- HACIENDA CARADOC (Lamas, 1976:18); see Caradoc.
- HACIENDA CASA GRANDE (MHNJP); see Casa Grande.
- HACIENDA CASARACRA (MHA); see Casaracra.

HACIENDA CATOC; Ancash ca. 0942/7726 (FMNH)
On road S of Huarás on Río Santa near Recuay, C. Kalinowski, Feb. 1954
(FMNH).

HACIENDA CAUCATO (ANSP); see Caucato.

HACIENDA CAUDIVILLA; Lima ca. 1153/7702 (MHA)
ca. 150 m, Río Chulón [= Río Chillón] valley (MHA); Forbes (Vaurie,
1972:9, as "Candivilla"); near but does not = Carabayllo, Chillón valley,
contra Zimmer, 1955:13 as "Candivilla" (Lamas, in litt.).

HACIENDA CCAPANA (FMNH); see Capana.

HACIENDA CHECAYANI (Dorst, 1962b:429); see Checayane.

HACIENDA CHILPIS (Lamas, 1976:24); see Chilpes.

HACIENDA CHONTAY (MHNJP); see Chontay.

HACIENDA CHOQUISONGO (Simon, 1902:177); see Chuquizonco.

HACIENDA CHUCARAPE (FMNH); see Chucarapi.

HACIENDA CHUQUISONGO (FMNH); see Chuquizonco.

HACIENDA COLLORBAMBA; Junín ca. 1146/7445 (Lamas)
Collector ? (MHNJP); Lamas, in litt.

HACIENDA CUMBIBIRÁ (Koepcke, 1971:4); see Cumbibirá.

HACIENDA DE ARAQUEDA (Vaurie, 1972:15); see Araqueda.

HACIENDA DE NUEVO LORETO (Vaurie, 1972:15); see Hacienda Nuevo
Loreto.

HACIENDA DE PABUR (Vaurie, 1972:15); see Pabur.

HACIENDA DE PORCOM (Vaurie, 1972:15); see Hacienda Porcón.

HACIENDA DE QUETA; Junín 1125/7531 (USBGN as "Quota")
ca. 3,500 m, Río Palca drainage (MHA as "Quota"); vicinity of Tarma, J.
Kalinowski, July, Dec. 1892, Aug. 1893 (Berlepsch & Sztolcman,
1896:324); J. Kalinowski, July 1893, 14,700 ft [4,485 m] (Berlepsch and
Sztolcman, 1902:26, as "Queta" or "Hacienda de Queta"); variants
"Quota" (Vaurie, 1972:28) and "Tarma" (Vaurie, 1972:32); correct name is
Hacienda Queta (Lamas, in litt.).

HACIENDA DE SOQUIÁN (Bond, 1947a:128); see Soquián.

HACIENDA DE SUCHIMÁN (Vaurie, 1972:15); see Suchimán.

HACIENDA DE TULPO (Vaurie, 1972:15); see Hacienda Tulpo.

- HACIENDA DISPENSA; Huánuco ca. 0954/7610 (FMNH)
6,400 ft [1,950 m], between Santa María del Valle and Huánuco on Río Huallaga, semi-arid subtropical zone, region identical to Huánuco and collections made here are often labelled "Huánuco," Zimmer, July 1922 (Zimmer, 1930:235).
- HACIENDA DON GERMÁN (Plenge, 1974:328); see Don Germán.
- HACIENDA ESPERANZA (MHNJP); see La Esperanza, Piura.
- HACIENDA ESPINAL (Sanft, 1970:353); see El Espinal.
- HACIENDA ÉXITO (MHA); see Éxito.
- HACIENDA FLOR; Huánuco ca. 0953/7456 (Plenge, in litt.)
ca. 350 m, on Río Pachitea between Puerto Inca and Puerto Victoria, M. Koepcke, Aug. 1959 (FMNH); Wyrwich, Aug. 1959, 1960, 1961 in tropical rainforest (MHNJP); Wyrwich, Dec. 1961 at 350 m (Snow, 1975: 583).
- HACIENDA GUADALUPE; Cuzco ca. 1300/7127 (Lamas)
"Río Tono" near Cosñipata, Whitely, Jelski, Raimondi (Vaurie, 1972:15, as "Guadalupe"); Lamas, 1976:19; Zimmer, 1951a:23, as "Guadalupe, R. Tono"; Whitely (Sclater, 1873:782, as "Guadelupe").
- HACIENDA HALLARES (MHNJP); see Hacienda Mallares.
- HACIENDA HUACARÁ; Junín Not located
On Río Tarma [ca. 1125/7542 (Vaurie)], Schunke, May 1941 at 2,200 ft [670 m] (FMNH); altitude is low for Río Tarma, possibly *Laterallus viridis* was collected near San Ramón.
- HACIENDA HUACRARUCO (MHNJP); see Huacraruco.
- HACIENDA HUALCARÁ (MHNJP); see Hualcará.
- HACIENDA HUAMANÍ (Vaurie, 1972:15); see Huamaní.
- HACIENDA HUARAPA; Huánuco Not located
ca. 9,000 ft [2,745 m], ca. 16 mi [26 km] NE of Huánuco [0955/7614 (USBGN)] in hills W of Río Huallaga, on a tributary (probably Río Huarapa [= Río Huarap, 0942/7612 (USBGN)]), area marks sudden transition from arid lower valley to an essentially humid zone, luxuriant scrub forest, except on drier slopes which support sparse, bushy growth, Morrison, Dec. 1939 (Morrison, 1948b:126); Vaurie, 1972:17, as "Huarapa."
- HACIENDA HUASACONA; Puno Not located
ca. 32 km NE of Azángaro [1455/7013 (USBGN)] (MHA); Ortiz de la Puente, Mar. 1947 at 3,950 m (MHNJP); collector ?, 13,200 ft [4,026 m] (MVZ).
- HACIENDA HUAYRO (LSUMZ); see Huyro.

- HACIENDA ISCAIBAMBA; Cuzco ca. 1321/7049 (Lamas)
Valley of Río Marcapata, J. Kalinowski, Aug. 1897 (Berlepsch & Sztolcman, 1906:105, as "Iscaybamba"); Vaurie, 1972:18; Lamas, 1976:24.
- HACIENDA LACCA; Puno Not located
"Province [= District] of Macusani" [1405/7026 (USBGN)], in upper Río Azángaro drainage, de Macedo, Apr. 1956 at 4,500 m (Dorst, 1957c:128).
- HACIENDA LA ESPERANZA; Junín ca. 1111/7518 (Lamas)
Vítoc valley, below Maraynioc, J. Kalinowski at 3,500 ft [1,070 m], Mar. 1893 (Berlepsch & Sztolcman, 1896:325, as "L'Esperanza"); Vaurie, 1972:14, as "Esperanza," variant L'Esperanza; Ortiz de la Puente, Apr. 1951 on road to L'Esperanza, "Sotopampa" [not located] at 1,500 m (MHNJP as "L'Esperanza"); Lamas, in litt.); Dreyfuss, Mar. 1941 (MHNJP).
- HACIENDA LA LAGUNA; Apurímac ca. 1338/7319 (Lamas, in litt.)
On Laguna Pacucha, C. Kalinowski, Sept. 1953, at 3,040 m at La Laguna, "Andahuaylas" (FMNH).
- HACIENDA LA PRIMAVERA (H.-W. Koepcke, 1961:34); see La Primavera.
- HACIENDA LARAMIE; La Libertad Not located
6.5 km S and 8 km W of Trujillo [0807/7902 (USBGN)], collector ?, 100 ft [31 m] (MVZ).
- HACIENDA LA VICTORIA; Apurímac ca. 1349/7248 (Lamas, in litt.)
On Río Matará [1344/7255 (USBGN)], Sanborn, Nov.-Dec. 1941 at 7,000 ft [2,135 m] (FMNH).
- HACIENDA LIMÓN (Bond, 1945:18); see Limón.
- HACIENDA LLAGUEDA (Cory, 1913:286); see Hacienda Llaugueda.
- HACIENDA LLAGUÉN; La Libertad ca. 0743/7843 (Lamas, in litt.)
Pacific slope of Andes, M. Koepcke, Dec. 1952 at 2,400-2,900 m and below at 1,000 m (M. Koepcke, 1961a:18); Sanft, 1973:409; Prentice at 3,200 m (M. Koepcke, 1961a:16, as "Llaguén"); forests of Cargaruay and Ijicucho near Hacienda Llaguén on Río Chicama affluent (H.-W. Koepcke, 1961:31, as "Llaguén"); see, also, Membrillar and Shite.
- HACIENDA LLAUGUEDA; La Libertad ca. 0746/7835 (MHA)
ca. 2,000 m, ca. 14 km N of Otuzco (MHA as "Llagueda"); Osgood and Anderson, Mar. 1912 at 6,000-7,000 ft [1,830-2,135 m] (Cory, 1913:286, as "Hacienda Llagueda"); correctly Hacienda Llaugueda (Lamas, in litt.).
- HACIENDA LUISIANA (O'Neill, 1969:3); see Luisiana.
- HACIENDA MALLARES (FMNH); see Mallares.
- HACIENDA MANIRI (FMNH); see Manire.
- HACIENDA MARAYNIOC; see Maraynioc.

- HACIENDA MAYA PUNCES; Puno Not located
37 mi [60 km] NNE of Juliaca [1530/7008 (USBGN)], collector ?, 12,900
ft [3,935 m] (MVZ).
- HACIENDA MENOCUCHO (MHA); see Menocucho.
- HACIENDA MISQUIYACU; Amazonas Not located
Upstream from Bagua Grande [0547/7826 (USBGN)] on Río Utcubamba,
Dorst, ca. 500 m, Mar., Apr. 1955 (Dorst, 1957a:377); Dorst, 1957b:237,
as "Misquiyacu".
- HACIENDA MOLINO DEL CARMEN; Lambayeque ca. 0608/7940 (Lamas,
in litt.)
Vicinity of Motupe [0609/7944 (USBGN)], C. Kalinowski, Apr. 1954
(FMNH).
- HACIENDA MORERILLA; Amazonas ca. 0538/7823 (MHA)
ca. 700 m, 10 km ENE of Bagua Chica (MHA as "Morrerilla"); Dorst, Apr.
1955, 460 m (Dorst, 1957d:208).
- HACIENDA MOSELA; Junín ca. 1107/7521 (MHNJP)
1,270 m, 1,450 m, coffee plantation on Río Oxabamba, "Chanchamayo,"
Koepcke, July 1955 (MHNJP).
- HACIENDA MOTIL; La Libertad ca. 0759/7829 (Vaurie)
3,000 m, near valley of Otuzco, ca. 2 days journey NE of Trujillo
[probably = Trujillo], pasture with some sparse shrubs, Baer, Feb. 1900
(Ménégaux, 1910b:318); Vaurie, 1972:15.
- HACIENDA MOZOBAMBA; Apurímac Not located
Near Andahuaylas [1339/7323 (USBGN)], C. Kalinowski, Oct. 1953
(FMNH).
- HACIENDA ÑAÑA (MHA); see Ñaña.
- HACIENDA NUEVO LORETO; San Martín ca. 0815/7652 (Vaurie)
1,200 m; three days E of Tayabamba in warm forest region of Río
Mixiollo valley [= Río Mishollo], Baer, 1,200 m, June, July, Dec. 1900
(Ménégaux, 1910b:319, as "Nuevo Loreto"); Vaurie, 1972:15, as "Hda. de
Nuevo Loreto"; = "Palma" (now Palina) according to Zimmer (Vaurie,
1972:25).
- HACIENDA OCCRA; Puno Not located
13,000 ft [3,965 m], 19 km NE of Azángaro [1455/7013 (USBGN)],
collector ? (MVZ).
- HACIENDA OCUCAJE (Berlepsch & Sztolcman, 1892:372); see Ocucaje.
- HACIENDA ONGORO (MHNJP); see Ongoro.
- HACIENDA ONTAVE (Sanft, 1970:345); see Ontave.
- HACIENDA OTERO; Lima ca. 1201/7659 (Lamas)
Philippi (Vaurie, 1972:24, as "Otero"); Lamas, 1976:24.

HACIENDA PABUR (MHNJP); see Pabur.

HACIENDA PACCHAPATA; Junín ca. 1117/7516 (Vaurie)
"Montaña de Vítoc," Tschudi (Tschudi, 1844-1846:93); Tschudi, Lago
Pacchapata (Vaurie, 1972:15).

HACIENDA PAIRUMANI; Puno Not located
24 mi [39 km] S of Ilave [1605/6940 (USBGN)], collector ? at 13,000 ft
[3,965 m] (MVZ).

HACIENDA PAJONAL; Ayacucho ca. 1312/7348 (MF)
2,000 m, "Ocos, Hda. Pajonal," both Ocos [1324/7354 (USBGN)] and
Pajonal are villages on road from Río Pampas to Ayacucho [1307/7413
(USBGN)], C. Kalinowski, Oct. 1953 (FMNH).

HACIENDA PALCA; Arequipa Not located
On Río Chala [= Río de Chala, ca. 1550/7423 (MHA)]; collector ?, at
1,650-1,700 m (M. Koepcke, 1965:162).

HACIENDA PALMIRA; Apurímac Not located
In vicinity of Andahuaylas [1339/7323 (USBGN)], C. Kalinowski, Sept.
1953 at ca. 2,500 m (FMNH).

HACIENDA PAMPA AMERICANA; Junín ca. 1105/7519 (FMNH)
Short distance below La Merced, in humid, tropical forest in Chan-
chamayo valley on Río Colorado, Zimmer, Jan.-Feb. 1923 at 2,300 ft
[700 m] (Zimmer, 1930:239).

HACIENDA PATY; Huánuco ca. 0938/7608 (LSUMZ)
7 mi [11 km] NE of Carpish Paso, Short, July-Aug. 1968 at 2,450 m
(Short, 1970:5); O'Neill, Aug. 1973 (MHNJP); see, also, Carpish, Cor-
dillera; LSU party, on trail from Carretera Central to Hacienda Paty, ca.
7,300 ft [2,227 m], 1973, 1974, 1975 (LSUMZ).

HACIENDA PAULLO GRANDE; Cuzco ca. 1325/7154 (Lamas, in litt.)
Probably between Pisac [1326/7151 (USBGN)] and Calca [1320/7157
(USBGN)], C. Kalinowski, Jan. 1955 at 2,900 m, "Calca, Hda. Paullo
Grande" (FMNH); near Pisac (M. Koepcke, 1968:228).

HACIENDA PLATANAR (Vaurie, 1972:15); see Platanar.

HACIENDA PORCÓN; La Libertad ca. 0805/7811 (Vaurie)
ca. 12 km N of Santiago de Chuco (CN); Baron, near Santiago [Santiago
de Chuco] at ca. 10,400 ft [3,172 m] (Baron, 1897:6); Vaurie, 1972:15, as
"Hacienda de Porcom" and "Porcom".

HACIENDA POROMA ALTO (FMNH); see Paroma.

HACIENDA PORVENIR; Huánuco Not located
Heller site ca. 4 mi [6 km] above Hacienda Éxito [0926/7600 (USBGN)],
Heller, Aug. 1922 (FMNH).

HACIENDA PUCCHUN (MHNJP); see Camaná.

- HACIENDA PUMAHUASI (Lamas, 1976:22); see Pumahuasi.
- HACIENDA ROMA (FMNH); see Roma.
- HACIENDA SAN DAMIÁN (MHA); see San Damián.
- HACIENDA SAN JACINTO, Ica (FMNH); see San Jacinto, Ica.
- HACIENDA SAN JACINTO, Piura (MHNJP); see San Jacinto, Piura.
- HACIENDA SAN JAVIER ALTO; Lima Not located
3 km NE of Chilca [1232/7644 (USBGN)], 9 km due E of coast, in coastal desert, Davis, Oct. 1968-Aug. 1969 in irrigated orchard and cornfields at 25 m (Davis, 1971:127); collector ? (MVZ).
- HACIENDA SAN LUIS; Piura Not located
C. Kalinowski, June 1954 at Hacienda San Luis, La Arena [0520/8044 (USBGN)] (FMNH); see, also, La Arena.
- HACIENDA SAN MIGUEL; Piura Not located
Near Catacaos [0517/8041 (USBGN)] in Río Piura valley, Markl, Feb., Apr. 1963, Feduccia, Dec. 1964 (M. Koepcke, 1971:4).
- HACIENDA SANTA ANA (MHNJP); see Santa Ana.
- HACIENDA SANTA BLANCA; Junín Not located
950 m, on headwaters of Río Reiter, ca. 1100/7518 (Lamas, 1976:22); "Chanchamayo," Ortiz de la Puente, Feb. 1944, 1,300 m (MHNJP).
- HACIENDA SANTA CLARA (Lamas, in litt.); see Santa Clara.
- HACIENDA SANTA ELENA (MHNJP); see Santa Elena, Huánuco.
- HACIENDA SANTA URSULA (Baron, 1897:2); see Cajamarca.
- HACIENDA SHISMAY; Huánuco ca. 0958/7610 (Lamas, in litt.)
Zimmer, camp on mountain slope near Huánuco, semi-arid temperate and semi-arid tropical, May-June, 1922 at 10,500 ft [3,205 m] (Zimmer, 1930:236, as "Schizmay"); sometimes called "Huánuco Mountains" (Vaurie, 1972:31, as "Schizmay"); see, also, Pagancho.
- HACIENDA SOMATE (MHNJP); see Somate.
- HACIENDA SORAPE; Puno Not located
M. Koepcke, Mar. 1953 at 3,920 m near Hacienda Sorape and Lago Titicaca (MHNJP); perhaps = Sorapa [1622/6939 (USBGN)].
- HACIENDA SORIANO; Junín Not located
Farm between Río Anamayo and Río Chanchamayo, near Río Tulumayo [1110/7516 (USBGN)], Jelski, Aug. 1871 (Taczanowski, 1874a:138, as "Soriano"); near Tarma [1125/7542 (USBGN)] according to Zimmer (Vaurie, 1972:31); near Amable María [ca. 1110/7519 (Vaurie)] (Lamas, 1976:24).

- HACIENDA SUCCHA (Vaurie, 1972:15); see Succha.
- HACIENDA SUCHIMÁN (Vaurie, 1972:15); see Suchimán.
- HACIENDA SUCSAN; Puno Not located
Collector ?, 12,900 ft [3,935 m] (MVZ).
- HACIENDA SUNCHUBAMBA (FMNH); see Sunchubamba.
- HACIENDA TAMBO; La Libertad ca. 0734/7842 (Lamas)
1,000 m (Lamas, in litt.); M. Koepcke, Mar. 1958 (MHNJP).
- HACIENDA TAULÍS (Lamas, 1976:23); see Taulís.
- HACIENDA TOLÓN (Lamas, 1976:23); see Tolón.
- HACIENDA TRAPICHE (Berlepsch & Sztolcman, 1892:372); see Trapiche,
Ica.
- HACIENDA TULPO; La Libertad ca. 0808/7801 (MHA)
ca. 3,000 m, ca. 19 km E of Santiago de Chuco, Pacific drainage (MHA);
pasture, potatoes, barley, Baer, May 1900 at 3,000 m (Ménégaux, 1910b:
319); Simons, Dec. 1899 at 3,000 m (Chubb, 1919b:3, as "Tulpo"); Vaurie,
1972:15, as "Hacienda de Tulpo."
- HACIENDA TULUMAYO; Junín ca. 1109/7520 (Lamas, 1976:24)
Near San Ramón, Watkins (Vaurie, 1972:33, as "Tulumayo"); Cárdenas,
Oct. 1956, in forest (MHNJP as "Tulumayo"); Watkins, May 1921
(Zimmer, 1931a:14); Watkins, 4,000 ft [1,220 m] in Vítoc valley above
Tulumayo (Chapman, 1923a:2).
- HACIENDA UCAQUI Not located
Apparently near Lago Junín [1102/7606 (USBGN)], Morrison (Vaurie,
1972:15, variant Ucaqui).
- HACIENDA UDIMA (Lamas, in litt.); see Udimá.
- HACIENDA UMAYO (MHNJP); see Umayo.
- HACIENDA URCO; Cuzco ca. 1318/7200 (FMNH)
ca. 5 km W of Calca on Río Urubamba road, Schmidt, Sept. 1939, at
9,500 ft [2,900 m] (FMNH).
- HACIENDA URCÓN (MHA); see Urcón.
- HACIENDA VALOR; Amazonas ca. 0520/7838 (LSUMZ)
ca. 350 m, WNW of Bagua Grande, formerly a cattle hacienda, but now
broken up under agricultural reform, arid scrub, LSU party (LSUMZ).
- HACIENDA VILCABAMBA; Huánuco Not located
Near Chinchao [0938/7604 (USBGN)], subtropical zone just below cloud
forests, Zimmer, Oct.-Nov. 1922 at 5,700 ft [1,740 m] (Zimmer, 1930:
238).

- HACIENDA VILLA CARMEN;** Cuzco ca. 1250/7115 (FMNH)
On Río Cosñipata, Río Madre de Dios drainage, Blake, June-July 1958 at 600 m (FMNH); C. Kalinowski, Sept. 1954 (FMNH).
- HACIENDA VIÑAS** (Vaurie, 1972:15); see Viñas.
- HAMPATUNE LAGOON** (FMNH); see Ampatune, Laguna.
- HATOL HUACAPISTA** (Chubb, 1919b:4); see Huacapistana.
- HEATH, PAMPA DEL;** Madre de Dios ca. 1300/6900 (LSUMZ)
ca. 160 m, natural pampas that stretch S from Madre de Dios into N Puno and generally parallel Río Heath, separated by ca. 2 mi [3 km] of flat, lowland forest, much of which floods in rainy season (Oct.-May), grasslands with clumps of bushes, scattered palm groves, LSU party, summer 1977 (Graham, Graves, Schulenberg, and O'Neill, 1980:366).
- HIERBA BUENA, CERROS DE;** Piura/Lambayeque ca. 0538/7940 (MHA)
ca. 1,000 m, ca. 20 km E of Ñaupe (MHA); Ridgely, in dry forest in "Lambayeque"; June 1978 (Schulenberg & Parker, 1981:213); MHA coordinates place cerros in Piura according to MAPA and IGM departmental boundaries.
- HIERRO ACARÍ;** Arequipa ca. 1524/7438 (Hocking)
Mining area on coastal plain N of Acarí, Hocking, Sept. 1969-Feb. 1974 at 800-3,000 ft [245-915 m], in brush and forest area, green in Dec. and Jan., also at Lomas de Hierro Acarí (FMNH).
- HIGOS;** Junín or Ayacucho Not located
Zimmer believed either in district of Junín [= Junín, Provincia de, 1105/7600 (USBGN)] or Huanta, Ayacucho [= Huanta, Provincia de, 1230/7410 (USBGN)], Raimondi (Vaurie, 1972:15); Jelski (Taczanowski, 1874b:514); the Raimondi locality should be in Ayacucho between Huanta and San Francisco del Apurímac [not located] (Lamas, in litt.).
- HISHACAYOJO** (MHNJP); see Hishancayajo.
- HISHANCAYOJO;** Huánuco ca. 0944/7604 (Hocking)
Subtropical forest, 5-10 km NE of Acomayo, Hocking, 1972 (FMNH); MHNJP as "Hishacayajo."
- HOMI** (Brack Egg, 1970:150); see Mollendo.
- HONDA, QUEBRADA;** Piura 0431/8117 (USBGN)
Collector ?, near Fondo, 14 km N and 13 km E of Talara, alt. ? (MVZ).
- HONDOROS** (MHNJP); see Óndores.
- HONDOROS, LAGUNA DE** (MHNJP); see Óndores.
- HORMIGAS DE AFUERA;** Lima 1158/7746 (USBGN)
Islands ca. 70 km from Callao (MHA); low, plantless, Beck, June 1913 (Murphy, 1936:715).

- HORNILLOS, PUNTA; Arequipa 1653/7218 (USBGN)
Guano point near Islay, Tovar, 1962-1965 (Tovar, 1969:546); see, also, Islay, Punta.
- HUABAL (Lamas, in litt.); see Huabual.
- HUABUAL; Piura ca. 0521/7939 (H.-W. Koepcke)
Below Canchaque at ca. 0521, M. Koepcke, May 1956 at 650-700 m (M. Koepcke, 1961a:19); H.-W. Koepcke, 1961:30; also known as "Huabal" (Lamas, in litt.).
- HUACACHINA (H.-W. Koepcke, 1961:30); see Huacachina, Laguna.
- HUACACHINA, LAGUNA; Ica 1405/7546 (USBGN)
Lagoon in desert near Ica (H.-W. Koepcke, 1961:30, as "Huacachina").
- HUACAMAYO; Puno ca. 1331/6938 (Vaurie, 1972:15)
ca. 1,500 ft [460 m], farm, E Andes, E slope on trail from Santo Domingo to Astillero, Carriker, July 1931 in forest, fields, along river (ANSP; Carriker, 1933:34; Bond, 1945:19).
- HUACAMAYO, RÍO; Puno 1330/6940 (USBGN)
Affluent of Río Tambopata (MHA); Ockenden, June 1904, near Candamo (FMNH); Zimmer, 1942b:10; see, also, Huacamayo.
- HUACAPAMPA; Cajamarca 0656/7808 (USBGN)
ca. 2,500 m, left bank of Río Marañón drainage (MHA); ; = Vaurie's "Vacapampa" (Lamas, 1976:24); near Celendín, Baron (Vaurie, 1972:34, as "Vacapampa").
- HUACAPISTANA; Junín 1114/7529 (USBGN)
ca. 2,500 m, right bank of Río Palca (MHA); Weyrauch, Feb. 1942 at ca. 1,800 m [?] (FMNH); Simons, Carriker (Vaurie, 1972:15); swift river valley, sides rising to ca. 8,000 ft [2,440 m], shrubby brush, some virgin forest on mountain top, Carriker and Newbold, Mar., Apr. 1930 from 4,850-8,000 ft [1,480-2,440 m] up mountain to 11,500 ft [3,510 m]; also at Malalina [= Mala Alma, Quebrada] above Huacapistana, 9,000-10,000 ft [2,745-3,050 m], above timberline, Dec. 1929 (ANSP) (Carriker, 1930:374); Simons, Apr. 1900 at 2,000 m (Chubb, 1919b:4); also = Hatol [= Hotel] Huacapistana visited by Simons in Mar. 1900; Ortiz de la Puente, June 1948, forest near river (MHNJP); Weyrauch, July 1941, 1,800 m (MHNJP); Hacienda Huacapistana (Lamas, in litt.).
- HUACHAC; Huancavelica 1325/7526 (USBGN)
ca. 7 km below Ticrapo on Río Pisco (MHA); M. Koepcke, between Huachac and Manzanallo, at ca. 1321 in upper Pisco valley, Nov. 1957 at 2,850 m (M. Koepcke, 1961a:14); ca. 2,700 m (H.-W. Koepcke, 1961:30).
- HUACHAPATA Not located
Perhaps = Hachapata (Vaurie, 1972:15).
- HUACHIPA; Huánuco ca. 0930/7552 (FMNH)
Across Río Chinchao from Vista Alegre, humid tropical at edge of

tropical forest, Zimmer, Sept.-Oct. 1922 at 2,800-4,600 ft [855-1,405 m] (Zimmer, 1930:238); junction of Ríos Chinchao and Huallaga (Zimmer, 1931a:18).

HUACHO; Lima 1107/7737 (USBGN)
Sea level, coastal town near mouth of Río Huaura (MHA); Sztolcman, Watkins (Vaurie, 1972:16); Tschudi (Tschudi, 1844-1846:299); Ortiz de la Puente, Sept. 1951, near Huacho (Tovar & Ashmole, 1970:121); Watkins (Naumberg, 1933:15); H.-W. Koepcke, 1961:30.

HUACHO, SALINAS DE; Lima ca. 1108/7736 (LSUMZ)
Sea level, ca. 3 km E of Huacho, ponds used for salt evaporation, LSU party (LSUMZ); M. Koepcke, 1964:29.

HUACOC HuyO; Puno Not located
Kalinowski (Vaurie, 1972:16).

HUACRACHUCO; Huánuco 0839/7705 (USBGN)
3,920 m, right bank of Río Marañón drainage (IGM); collector ?, 3,500 m (MVZ).

HUACRARUCO; Cajamarca ca. 0719/7826 (MHNJP)
Upper Río Jequetepeque (MF); M. Koepcke, Mar. 1958, temperate forest and cultivated fields, 2,200-2,500 m (MHNJP as "Hacienda Huacaruruco"); M. Koepcke, 1961a:7; H.-W. Koepcke, 1961:30.

HUACRAS; Junín Not located
Between Maraynioc [1122/7524 (USBGN)] and L'Esperanza [= Hacienda La Esperanza, ca. 1108/7519] in Vítoc valley, J. Kalinowski, Jan. 1893 (Berlepsch & Sztolcman, 1896:369) (Vaurie, 1972:16).

HUACULLANI; Puno 1638/6920 (USBGN)
3,910 m (CNG); Lago Titicaca drainage (IGM); Sanborn, Aug. 1941 (FMNH).

HUADQUÍÑA; Cuzco 1307/7239 (USBGN)
ca. 1,500 m (MHA); ca. 10 km downriver from Machu Picchu on Río Urubamba (MAPA); Vaurie, 1972:16.

HUAHUACHAYO (LSUMZ); see Huanhuachayo.

HUAILAS (MHA); see Huaylas.

HUAILASPAMPA; Huánuco ca. 0942/7602 (Hocking)
5-10 km NE of Acomayo in Carpish Cordillera, Río Chinchao drainage, cloudforest, Hocking, Villar, Feb., June, Aug., Nov., 1972, Feb.-June 1973, Apr. 1974, Dec. 1979 at 9,000-10,000 ft [2,745-3,050 m] (FMNH); also as Huaylaspampa and Bosque Huaylaspampa; E. Tallman, July 1973 at Bosque Huaylaspampa, S of Huaylaspampa at ca. 8,400 ft [2,560 m] (Blake & Hocking, 1974:321).

HUAILILLAS (Vaurie, 1972:16); see Huaylillas.

- HUAIRURO PASS; Cuzco** Not located
Said to be near Macchu Picchu [= Machu Picchu, 1307/7234 (USBGN)] (Vaurie, 1972:16), also as Huayruro Pass; located very near Cori-huayrachina, Cuzco, ca. 1312/7232 (Lamas, 1976:24).
- HUAISAMPILLO; Cuzco** ca. 1314/7126 (MHA)
2,970 m, Río Madre de Dios drainage (MHA); Whitely, Sept. 1870 at 10,000 ft [3,050 m] (Whitely, 1873:187, as "Huasampilla"); Whitely, Mar. 1872 (Rossem, 1934:6; Vaurie, 1972:16); variant Huasanyulla; Whitely, Mar. 1872 at 10,000 ft [3,050 m] (Sclater, 1873:74).
- HUAJANGO; Amazonas** ca. 0557/7835 (Lamas)
1,500 ft [460 m], right bank of Río Marañón drainage, Jaén province, Choros district, dry, warm, Jelski and Sztolcman, Apr.-May 1878 (Taczanowski, 1879:220; Vaurie, 1972:15, as "Guajango, Cajamarca"); variant Guayango; Warren, 1966:290, as "Guajungo" and "Guanjungo"; in Amazonas, not Cajamarca, contra Vaurie, 244 m (Lamas, 1976:19); Sclater, 1879:145, as "Guajango" and "Guajungo".
- HUAITIRI, PAMPA; Moquegua** Not located
"Pampa Huaitiri, Tutupaca," Pearson and Koford, 1952 at 14,500 ft [4,425 m] (Voge & Read, 1953:558); town of Tutupaca is 1656/7020 (USBGN), Volcán Tutupaca is 1701/7022 (USBGN), both are in Tacna.
- HUAJLLUMBE, RÍO (Vaurie, 1972:16); see Huajyumbe.**
- HUAJYUBAMBE (O'Neill & Gardner, 1974:703); see Huajyumbe.**
- HUAJYUMBE; Cuzco** ca. 1315/7035 (FMNH)
Near Quince Mil on Río Marcapata, C. Kalinowski, July 1950 at 630 m (Traylor, 1952:22); C. Kalinowski, July, Oct. 1950, Dec. 1954 (FMNH); Blake, 1961:575, as "Huajyumbe," lower Marcapata valley; O'Neill and Gardner, 1974:703, as "Huajyubambe; called "Río Huajllumbe" by Vaurie, 1972:16, with Traylor as collector, in error.
- HUALAMA; Amazonas** ca. 0622/7734 (MHA)
ca. 2,000 m, on or near watershed between headwaters of Río Sancla [= Río Sonche of IGM and MAPA], Río Marañón drainage, and Río Huambo, Río Huallaga drainage (MHA); Sztolcman (Vaurie, 1972:16); variant Gualama.
- HUALCARÁ; Lima** 1305/7622 (USBGN)
Near San Vicente de Cañete, Capanni, June 1962 (MHNJP as "Hacienda Hualcará").
- HUALGAYOC; Cajamarca** 0646/7837 (USBGN)
3,502 m (CNG); ca. 15 km S of Chota, left bank of Río Marañón drainage (MHA); M. Koepcke, on road from Hualgayoc to Chugur [0640/7845 (USBGN)], Mar. 1958 (MHNJP).
- HUALLAGA, RÍO** 0510/7532 (USBGN)
Rises in Pasco and flows N to join Río Marañón in Loreto (MHA); Church, at headwaters of Río Huallaga (Cassin, 1867:47); Zimmer

believed, despite the "headwaters" description, that Church's site was on lower Huallaga, in Loreto between Yurimaguas [0554/7605 (USBGN)] and Chasuta [0635/7611 (USBGN)] (Vaurie, 1972:16); Bartlett, Hauxwell, "near Santa Cruz" [0533/7548 (USBGN)] (Vaurie, 1972:16); Bartlett, Hauxwell, Berlepsch, at uncertain localities, either Río Huallaga, or province of Huallaga [0655/7700 (USBGN)] (Vaurie, 1972:16); Berlepsch never in Peru, contra Vaurie (Plenge, in litt.); UNESCO Expedition (MHNJP); Garlepp, lower Río Huallaga, Feb. 1885-May 1886 (Berlepsch, 1889b:289); Bartlett, July 1868 (Chubb, 1919b:34).

HUALLANCA; Ancash 0849/7752 (USBGN)
1,377 m (CNG); Río Santa valley (MHA); Hocking, Apr. 1975 at 6,000 ft? [1,830 m?] (FMNH); LSU party (LSUMZ); H.-W. Koepcke, 1961:30; variant Huayanca.

HUALLANCA; Huánuco 0951/7656 (USBGN)
3,536 m (CNG); on left bank affluent of Río Marañón (MHA); Short and Morony, Aug. 1968 at 3,810 m, 7 km NW of Huallanca in grove of *Polylepis* trees in small valley (Short & Morony, 1969:115).

HUALLATIRI; Puno ca. 1657/7002 (Plenge)
ca. 4,000 m, ca. 4 km S of Lago Lorisota (IGM); Brack E. (Plenge, 1982:170).

HUAMACHUCO; La Libertad 0748/7804 (USBGN)
3,169 m (CNG); on headwaters of Río Crisnejas, a tributary to left bank of Río Marañón, ca. 22 km S of Cajabamba (IGM); Baer (Vaurie, 1972:16); Carriker, at 10,400 ft [3,170 m] (Bond, 1945:19); Simons, Nov. 1899 at ca. 3,500 m (Chubb, 1919b:3, as "Huamacucha"); city surrounded by pastures and marsh, Baer, July 1900 at 3,200 m (Ménégaux, 1910b:319); Baron, Jan.-Apr. 1894 at 10,400 ft [3,170 m] (Salvin, 1895:1).

HUAMACUCHA (Chubb, 1919b:3); see Huamachuco.

HUAMAÍ (Vaurie, 1972:16); see Humay.

HUAMANÍ; Ica 1351/7537 (USBGN)
Hacienda in vicinity of Ica, J. Kalinowski, Sept.-Dec. 1889, Jan.-Mar. 1890 (Berlepsch & Sztolcman, 1892:372, as "Hacienda Huamaní"); Vaurie, 1972:15, 16, as "Hacienda Huamaní"; MHA shows Huamaní at ca. 1,000 m at ca. 1349/7533.

HUAMANZAÑA; La Libertad 0830/7830 (USBGN)
ca. 500 m, foothills of W Andes, W slope (MHA); LSU party (LSUMZ).

HUAMAY (Vaurie, 1972:16); see Humay.

HUAMAYACO (Vaurie, 1972:16); see Huamboyaco, Río.

HUAMBA; Ancash 0957/7752 (USBGN)
ca. 1,000 m, Pacific drainage (IGM); between Huamba and San Damián [0954/7747 (USBGN)], Río Huarmey valley, ca. 0950S, M. Koepcke, Sept. 1956 at nearly 1,000 m (M. Koepcke, 1961a:10); 530 m (H.-W. Koepcke, 1961:30).

HUAMBAYACO (MHNJP); see Huambo, Río.

HUAMBO; Amazonas 0622/7728 (USBGN)
1,630 m (CNG); ca. 6 km upstream from Santa Rosa [= Santa Rosa de
Huayabamba] on upper Río Huambo (MAPA); warm, humid, forest,
Sztolcman, Feb.-May 1880 at 3,700 ft [1,130 m] (Taczanowski, 1882:4);
Sztolcman, Jelski (Vaurie, 1972:16); Sztolcman (Domaniewski, 1918:136).

HUAMBO, RÍO; San Martín 0704/7710 (USBGN)
Rises in Amazonas, flows SE into San Martín where, with several other
rivers, it becomes the Río Huayabamba (MHA); Sztolcman, from
Chachapoyas [0613/7751 (USBGN)], to Pachisa [= Pachiza, 0716/ 7646
(USBGN)] (Vaurie, 1972:16).

HUAMBOS, MONTAÑA DE; Cajamarca Not located
Between Llama [0631/7908 (USBGN)] and Huambos [0628/7856 (USBGN)],
M. Koepcke, Mar. 1958 (MHNJP).

HUAMBOYACO, RÍO; Cajamarca ca. 0635/7858 (Lamas)
"Valle de Huamayaco" and "Valle de Huambo" near Santa Cruz
[0637/7857 (USBGN)], Ortiz de la Puente (Vaurie, 1972:16); Ortiz de la
Puente, Apr. 1951 at 1,600 m (MHNJP as "Huambayaco"); see, also,
Santa Cruz.

HUAMBOYACO, VALLE DE (Vaurie, 1972:16); see Huambo, Río.

HUAMPAMI; Amazonas Not located
Río Cenepa [0435/7812 (USBGN)], collector ?, .5 mi [1 km] W of
Huampami (MVZ).

HUAMPANÚ; Lima Not located
Guano island between Mazorca, Isla [1125/7744 (USBGN)] and Pesca-
dores, Islas [1145/7729 (USBGN)], Tovar 1962-1965 (Tovar, 1969:527).

HUAMPUCOCHA; Junín Not located
Near Huarón [1100/7625 (USBGN)], de Macedo, Dec. 1947 at 4,600 m,
puna, also at Laguna Huampucocha (MHNJP).

HUAMPUCOCHA, LAGUNA (MHNJP); see Huampucocha.

HUANACHUCO (Vaurie, 1972:16); see Huamachuco.

HUANAS Not located
"Vítoc" [= Pueblo Nuevo, 1110/7516 (USBGN)] (Vaurie, 1972:16); possibly
= Huacras in Vítoc valley (Lamas, in litt.).

HUANCABAMBA; Piura 0514/7928 (USBGN)
1,929 m (CNG); on Río Huancabamba, left bank of Río Marañón drainage
(MHA); Carriker at 6,500 ft [1,985 m] (Bond, 1945:19); Noble, Aug. 1916
(Bangs & Noble, 1918a:85); C. Kalinowski, May, June 1954 at 3,000 m on
road to San Ignacio (FMNH); Watkins, Nov. 1922 at 6,500 ft [1,983 m]
(Chapman, 1924a:9); Vaurie, 1972:16; arid scrub, LSU party, 1974, 1977,
1978, 1980 (LSUMZ); collector ?, 2,100 m, and 19 km W at 2,900 m
(MVZ).

- HUANCABAMBA, RÍO; Cajamarca 0603/7907 (USBGN)
Rises in Piura, flows S, then E to join Río Chotano to form Río Chamaya (IGM); collector ?, 7 mi [11 km] WNW of Pucará [0600/7907 (USBGN)] at 3,000 ft [915 m] (MVZ).
- HUANCANÉ; Puno 1512/6946 (USBGN)
3,841 m (CNG); N end of Lago Titicaca (MHA); Stübel (Vaurie, 1972:16); H.-W. Koepcke, between Juliaca [1530/7008 (USBGN)] and Huancané, Aug. 1952, Mar. 1953 (Sanft, 1973:407); Crequi-Montfort Expedition, June 1903, June 1905 (Ménégaux, 1910a:133, as "Huancaní"); LSU party (LSUMZ); Vellard, Ortiz de la Puente, Feb. 1948, also at Quebrada de Seta [not located] (MHNJP).
- HUANCANÍ (Ménégaux, 1910a:133); see Huancané.
- HUANCANO; Ica 1336/7537 (USBGN)
1,019 m (CNG); on Río Pisco (MHA); Carriker, Mar. 1931 at 3,300 ft [1,005 m] (ANSP); Vaurie, 1972:16.
- HUANCAPATA; Huánuco ca. 0950/7600 (Hocking)
Panao area, Hocking, Nov.-Dec. 1974 at 9,000 ft [2,745 m] (FMNH).
- HUANCARANI (Bond, 1945:19); see Huarasalani.
- HUANCASALANI (Lamas, in litt.); see Huarasalani.
- HUANCABELICA; Huancavelica 1246/7502 (USBGN)
3,660 m (CNG); Río Mantaro drainage (MHA); Morrison, Aug.-Dec. 1937, Jan. 1938 at 11,960 ft [3,650 m], arid, temperate puna (Morrison, 1939b:458); Tschudi (Vaurie, 1972:16).
- HUANCABELICA, DEPARTAMENTO DE 1300/7500 (USBGN)
SW Peru, bounded by Ayacucho on E, Junín on N, and Lima and Ica on W (MAPA).
- HUANCAYO; Junín 1204/7514 (USBGN)
3,249 m (CNG); on Río Mantaro (MHA); Raimondi (Vaurie, 1972:16); Raimondi, between Huancayo and Cordillera de Huamantanga [= Cordillera de Huaritanga, ca. 1201/7504 (Lamas)] (MHNJP).
- HUANCAYO MT.; Junín ca. 1204/7513 (FMNH)
Mountain that flanks Huancayo on E side, Hocking, Nov. 1964 at 13,500 ft [4,120 m] (FMNH).
- HUANCHO; Huánuco ca. 0935/7604 (Hocking)
Acomayo region, Hocking, June 1975 (FMNH).
- HUANCORANI (Vaurie, 1972:16); see Huarasalani.
- HUANGUE, RÍO (MVZ); see Huanque, Río.
- HUANHUACHAYO; Ayacucho ca. 1244/7347 (O'Neill & Gardner)
Clearing on trail connecting Hacienda Luisiana [ca. 1239/7344 (IGM)] and

other nearby communities along Río Apurímac and Río Santa Rosa with town of Tambo [1256/7401 (USBGN)] (Gardiner & Patton, 1976:42); O'Neill and Gardner, ca. 1,600 m (O'Neill & Gardner, 1974:701); Weske and Terborgh at ca. 1,600 m (LSUMZ as "Huahuachayo" or "Huanhuachayocc").

HUANHUACHAYOCC (LSUMZ); see Huanhuachayo.

HUANPUCOCHA; Junín Not located
Near Huarón [1100/7625 (USBGN)], Ortiz de la Puente (Vaurie, 1972:17).

HUANQUE, RÍO; Puno Not located
50 km S of Plane [not located], collector ?, 13,000-13,100 ft [3,965-3,996 m] (MVZ); variant Río Huangue.

HUANTA; Ayacucho 1256/7415 (USBGN)
2,628 m (CNG); Río Mantaro drainage (MHA); Jelski, Jan. 1871 at 6,000 ft [1,830 m] (Sztolcman & Domaniewski, 1927:108); C. Kalinowski, Dec. 1953 (FMNH); Raimondi (Vaurie, 1972:17); M. Koepcke, 1958:179; Plenge, 1979:10.

HUÁNUCO; Huánuco 0955/7614 (USBGN)
1,894 m (CNG); upper Río Huallaga (MHA); base camp for Marshall Field Peruvian Expedition, semi-arid, tropical zone, Zimmer, May-Dec. 1922, Jan. 1923 at 6,600 ft [2,015 m] (Zimmer, 1930:236); LSU party (LSUMZ); Hoffmanns (Hellmayr, 1913:318); see, also, Hacienda Dispensa, Pagancho, and Hacienda Shismay.

HUÁNUCO, DEPARTAMENTO DE 0930/7550 (USBGN)
Central Peru, bounded by Pasco on S, Ucayali on N and E, La Libertad and San Martín on N, and Ancash and Lima on W (MAPA).

HUÁNUCO MOUNTAINS (Vaurie, 1972:17); see Hacienda Shismay and Pagancho.

HUÁNUCO VIEJO; Huánuco ca. 0948/7645 (MHA)
ca. 3,500 m, ruins ca. 6 km SE of La Unión, left bank of Río Marañón drainage (MHA); on plateau across river and E of La Unión, Hocking, Nov. 1965 at 10,000 ft [3,050 m] (FMNH); in Aguamiro valley, puna zone, Zimmer, Dec. 1922 at 12,700 ft [3,875 m] (Zimmer, 1930:239).

HUAPARCAY LAKES; Cuzco Not located
ca. 25 km S of Cuzco [1331/7159 (USBGN)] along road to Puno, marsh, montane scrub (Parker, Parker, & Plenge, 1982:86).

HUARA CONDO (Vaurie, 1972:17); see Huarcondo.

HUARA CONDO CANYON (Chapman, 1921b:16); see Huarcondo Canyon.

HUARAHUARCO, LAGUNA; Arequipa 1516/7149 (USBGN)
ca. 4,500 m, a source of Río Apurímac (IGM); Sanborn and Schmidt, Aug. 1939 at 15,000 ft [4,575 m] (FMNH).

HUARA ISLANDS (Vaurie, 1972:17); see Huaura, Islas de.

- HUARAL;** Lima 1130/7712 (USBGN)
188 m (CNG); on Río Chancay, ca. 10 km NE of Chancay (MHA); H. Watkins, Nov. 1918 (Chapman, 1924a:7); Carriker (Bond, 1951:66); Murphy? (Chapman, 1925b:6); LSU party (LSUMZ); H.-W. Koepcke, 1961:30.
- HUARANDOSA;** Cajamarca Not located
Río Chinchipe [0528/7832 (USBGN)] valley near Río Marañón, Watkins, Sept. 1923 at 3,000 ft [915 m] (Chapman, 1925b:6); see, also, Huarandosa, Quebrada.
- HUARANDOSA, QUEBRADA;** Cajamarca ca. 0513/7848 (MHA)
ca. 400 m, affluent of Río Chinchipe, left bank of Río Marañón drainage (MHA); Watkins (Vaurie, 1972:28); see, also, Huarandosa.
- HUARAP, RÍO** (USBGN); see Hacienda Huarapa.
- HUARAPA** (Vaurie, 1972:17); see Hacienda Huarapa.
- HUARÁS** [formerly HUARÁZ]; Ancash 0932/7732 (USBGN)
3,052 m (CNG as "Huaráz"); on Río Santa (MHA); C. Kalinowski, Feb.-Mar. 1954 at "Tullparaju, Huaráz," (FMNH); Ortiz de la Puente, May 1948, "near Huaráz" (M. Koepcke, 1961a:12); LSU party (LSUMZ as "Huaráz"); collector ?, 2 km S, 11 km?, 13,000 ft [3,965 m] and 25 mi [40 km] S at 12,500 ft [3,813 m] (MVZ).
- HUARASALANI;** Puno 1410/6943 (USBGN)
ca. 3,800 m, on Río Quitún, ca. 8 km S of Limbani (MHA); Carriker (Bond, 1945:19, as "Huancarani"); Carriker, May 1931 at 13,000-14,500 ft [3,965-4,425 m] (ANSP as "Huancarani"); correct name, Huancasalani (Lamas, in litt.).
- HUARÁZ** (M. Koepcke, 1961a:12); see Huarás.
- HUARCO;** Ica Not located
Near Pisco [1342/7613 (USBGN)], Bidart, Dec. 1947, on coast (MHNJP).
- HUARI;** Junín 1140/7551 (USBGN)
ca. 3,500 m, on Río Mantaro between La Oroya and Jauja (MHA); Tschudi, on road from Huari to "Chagacocha" [= Chagacancha, contra Vaurie (Lamas, in litt.)] (Vaurie, 1972:17); Tschudi, between Huari and Chagacancha [ca. 1059/7600 (Lamas)], 14,600 ft [4,453 m] (Tschudi, 1844-1846:250).
- HUARIACA;** Pasco 1027/7607 (USBGN)
2,941 m (CNG); left bank of Río Huallaga, ca. 28 km downriver from Cerro de Pasco (MHA); LSU party (LSUMZ); see, also, La Quinua.
- HUARICANGA;** Lima 1029/7746 (USBGN)
ca. 500 m, on Río de la Fortaleza (MHA); ca. 25 km above Paramonga on road to Huarás, wide, flat valley, thorn and scrub above irrigated area, Carriker, Feb. 1932 (ANSP as "Huariconga"); Birdseye, Aug. 1954 (Koepcke, 1961a:20, as "Huriconga"); Vaurie, 1972:17.

HUARICONGA (ANSP); see Huaricanga.

HUARINJAS, LAGUNAS LAS; Piura ca. 0502/7929 (Lamas)
Correct name for Warinja (Lamas, 1976:24); near Huancabamba, Noble,
Aug. 1916 at ca. 9,000 ft [2,745 m] (Bangs & Noble, 1918b:443, as
"Warinja"); 4 hrs N of Huancabamba (Vaurie, 1972:35, as "Warinja").

HUARIQUÍÑA; Lima ca. 1153/7625 (LSUMZ)
ca. 2,200 m, small village on Central Highway, ca. 80 km ENE of Lima,
brush covered slopes, agriculture in valley, LSU party (LSUMZ); M.
Koepcke, Feb. 1954, 2,500-2,600 m (M. Koepcke, 1958:162).

HUARITANGA, CORDILLERA DE; Junín ca. 1201/7504 (Lamas, in litt.)
Raimondi (Vaurie, 1972:17); see Huancayo, Junín.

HUARMACA; Piura 0534/7932 (USBGN)
2,194 m (CNG); on road from Hualcas to Sondorillo on headwaters of Río
Piura (IGM); Vaurie, 1972:17, variant Guarimarca.

HUARMEY; Ancash 1004/7810 (USBGN)
7 m (CNG); coastal town on Río Huarmey (MHA); N of Paramonga,
Carriger, Feb. 1932, in large irrigated valley (ANSP); Murphy (Vaurie,
1972:17); LSU party (LSUMZ); M. Koepcke and Ramírez, Sept. 1956,
between Huarmey and Huamba [0957/7752 (USBGN)] (MHNJP); H.-W.
Koepcke, 1961:30.

HUARMEY, RÍO; Ancash 1005/7810 (USBGN)
Rises in Cordillera Blanca, flows to Pacific (MHA); M. Koepcke, Sept.
1956, ca. 1,000 m (M. Koepcke, 1958:166).

HUARMIPACHA (Berlepsch & Sztolcman, 1902:39); see Huarmipaycha.

HUARMIPAYCHA; Junín Not located
ca. 3,500 m in Vítoc valley (Vaurie, 1972:17); near Maraynioc [1122/7524
(USBGN)], J. Kalinowski, July 1892, Mar.-Nov. 1893 (Berlepsch &
Sztolcman, 1902:39, as "Huarmipacha").

HUAROCHERÍ (FMNH); see Huarochirí.

HUAROCHIRÍ; Lima 1209/7614 (USBGN)
3,146 m (CNG); on Río Mala, Pacific drainage (MHA); M. Koepcke, Nov.
1961 (MHNJP); FMNH, variant Huarocheri.

HUAROCHIRÍ, PROVINCIA DE; Lima 1155/7625 (USBGN)
Province in department of Lima (MHA); FMNH.

HUAROCONDO; Cuzco 1325/7213 (USBGN)
3,331 m (CNG); ca. 28 km NW of Cuzco (MHA); Vaurie, 1972:17, also as
"Huaracundo"; see, also, Huaracundo Canyon.

HUAROCONDO CANYON; Cuzco ca. 1320/7215 (Chapman)
Narrow, steep-walled canyon, ca. 10 mi [16 km] long on Río Huaracundo
from Huaracundo [1325/7213 (USBGN)] to Río Urubamba, junction of arid

temperate and puna zones, bushy and arborescent vegetation, Heller, Apr. 1915, halfway down canyon at Chospiyoc, and the Chapman Expedition at Pumatales, July 1916 at ca. 10,000 ft [3,050 m] (Chapman, 1921b:16), variant Huaracundo Canyon.

HUARÓN; Pasco 1100/7625 (USBGN)
ca. 4,500 m, Río Mantaro drainage (MHA); Dorst, at Huarón and small lakes near Huarón, Dec. 1954, Jan. 1955 (Dorst, 1956b:268); see, also, Huarón, Lago.

HUARÓN, BOSQUE DE PIEDRA; Pasco Not located
Near Huarón [1100/7625 (USBGN)]; Dorst, Jan. 1955 (Dorst, 1956b:268); in Cordillera de la Viuda on Lima/Canta/Huallay/Cerro de Pasco road (Plenge, in litt.).

HUARÓN, LAGO; Pasco 1103/7625 (USBGN)
4,574 m, ca. 30 km W of Lago Junín (MHA); Dorst, Dec. 1954-Jan. 1955 (Dorst, 1956b:269, as "Huaroncocha").

HUARONCOCHA (Dorst, 1956b:269); see Huarón, Lago.

HUARQUE, RÍO; Puno Not located
An O. P. Pearson locality, said by Vaurie to be 50 km S of Ilave [1605/6940 (USBGN)] (Vaurie, 1972:17); this may = Río Huenque.

HUASAMPILLA (Whitely, 1873:187); see Huaisampillo.

HUASANYULLA (Vaurie, 1972:16); see Huaisampillo.

HUASIMO (FMNH); see El Huásimo.

HUATADO (Vaurie, 1972:17); see Huatoccto.

HUATOCCTO; Cuzco ca. 1320/7138 (Vaurie)
Possibly on, or near Río Huatoccto [1325/7133 (USBGN)]; Whitely (Vaurie, 1972:17, as "Huatocoto"), variants Huatado and Huatoccto; Whitely (Taczanowski, 1884a:345, as "Huatado").

HUATOCOTO (Vaurie, 1972:17); see Huatoccto.

HUATOCTO (Vaurie, 1972:17); see Huatoccto.

HUAURA, ISLAS DE; Lima ca. 1123/7744 (MHA)
Islands off Lima coast, S of mouth of Río de Huaura (MHA); this is probably the Holmes locality given by Vaurie as "Huara Islands" (Vaurie, 1972:17); also known as "Grupa de Huaura" (Plenge, in litt.).

HUAURA, RÍO; Lima 1106/7739 (USBGN)
River rising in W cordillera and flowing SW and W to Pacific (MHA); Vaurie, 1972:17.

HUAYABAMBA (MHA); see Huayllabamba.

- HUAYABAMBA Not located
 "Loreto, near Hualama," probably = Santa Rosa de Huayabamba,
 Amazonas [0622/7725 (USBGN)], Sztolcman (Vaurie, 1972:17).
- HUAYABAMBA; San Martín 0715/7644 (USBGN)
 ca. 400 m (MHA as "Huayabamba or San Antonio"); on left bank of Río
 Huallaga at confluence with Río Huayabamba (IGM); collector ? (FMNH).
- HUAYABAMBA, VALLEY OF: Amazonas
 Stated by Zimmer to be a general term used by Sztolcman for all
 localities in valleys above Huambo [0622/7728 (USBGN)] toward Cha-
 chapoyas [0613/7751 (USBGN)] in NW and toward Leimebamba [0641/-
 7747 (USBGN)] in SW (Vaurie, 1972:17); Sztolcman (Taczanowski, 1884a:
 69); Baron (Vaurie, 1972:17).
- HUAYABAMBA MOUNTAINS Not located
 Garlepp (Vaurie, 1972:17); see Huayllabamba.
- HUAYABAMBA VOLCANO (FMNH); see Huayabamba, San Martín.
- HUAYANCA (H.-W. Koepcke, 1961:30); see Huallanca.
- HUAYAPAMPA Not located
 Probably variant for Huayabamba Mts., Garlepp (Vaurie, 1972:17); see,
 also, Huayllabamba.
- HUAYLARCO; Arequipa 1602/7050 (USBGN)
 Collector ?, ca. 52-55 mi [83-88 km] ENE of Arequipa, 15,000-15,400 ft
 [4,575-4,697 m] (MVZ).
- HUAYLAS; Ancash 0852/7754 (USBGN)
 2,721 m (CNG); Río Santa valley (MHA as "Huailas"); Hocking, Sept.
 1974, 8,000-8,500 ft [2,440-2,595 m], Apr. 1975, 8,000-12,000 ft [2,440-
 3,660 m], also at Huaylas Mt., 9,500-10,000 ft [2,900-3,050 m], Sept.
 1974, and at Quebrada Rurinura, May 1978 at 11,500 ft [3,505 m]
 (FMNH).
- HUAYLAS MT. (FMNH); see Huaylas.
- HUAYLASPAMPA (FMNH); see Huailaspampa.
- HUAYLILLAS; La Libertad 0811/7720 (USBGN)
 2,500 m (CNG); ca. 22 km upstream on tributary to right bank of Río
 Marañón (MHA); Baer, Jan. 1901 at 3,400 m (Ménégaux, 1910b:319);
 Vaurie, 1972:16, as "Huailillas").
- HUAYLLABAMBA; Cuzco 1321/7204 (USBGN)
 2,866 m (CNG); left bank of Río Urubamba, ca. 10 km SE of Urubamba
 (MHA as "Huayabamba"); said by Lamas, 1976:24, to = Garlepp's Huaya-
 bamba Mountains, although Vaurie, 1972:17, thought Garlepp's site might
 = Santa Rosa de Huayabamba [0622/7725 (USBGN)].

- HUAYLLAY;** Pasco 1101/7621 (USBGN)
4,310 m (CNG); on road from Lima to Cerro de Pasco, Río Mantaro drainage (MHA); M. Koepcke, Aug. 1953, 4,350-4,500 m, Ortiz de la Puente, June 1948 (MHNJP).
- HUAYNAPATA;** Cuzco Not located
J. Kalinowski site placed in Marcapata valley [1313/7024 (USBGN)] by Berlepsch and Sztolcman and Vaurie, although Berlepsch and Sztolcman give Cuzco as the department and Vaurie gives Puno; Vaurie states that Zimmer believed this locality = Río Cadena [ca. 1316/7036] in Cuzco; J. Kalinowski, July-Dec. 1897, July-Dec. 1898 (Berlepsch & Sztolcman, 1906:105; Vaurie, 1972:17; Zimmer, 1941c:4; Provincia de Quispicanchi [1325/7100 (USBGN)], District of Camanti (MHNJP).
- HUAYOPATA;** Cuzco 1257/7238 (USBGN)
On Río Santa María, right bank of Río Urubamba drainage (IGM); at 1,825 m, tea and coffee plantations (tea plantation called "Huyro" or "Hacienda Huayro"), subtropical forest on slopes, LSU party (LSUMZ); see, also, Huiro and La Convención, Valle del.
- HUAYPO, LAGUNA DE;** Cuzco 1324/7208 (USBGN)
ca. 12,000 ft [3,658 m], H.-W. Koepcke and M. Koepcke, 32 km NW of Cuzco, Oct. 1963 (Frazier, 1964:553); O'Neill, Alden, July 1974, ca. 3,350 m (Parker and O'Neill, 1980:172).
- HUAYRURO PASS** (Vaurie, 1972:17); see Huairuro Pass.
- HUAYTAPALLANA, NEVADO DE;** Junín ca. 1155/7503 (Lamas, in litt.)
Brack Egg (Brack Egg, 1970:161).
- HUAYUCACHI;** Junín 1208/7514 (USBGN)
3,201 m (CNG); in Río Mantaro valley, ca. 8 km S of Huancayo (MHA); Hocking, Nov. 1964 at 9,400 ft [2,865 m] (FMNH).
- HUAYUP;** Ancash ca. 0955/7749 (MHA)
ca. 500 m (MHA); small town on Río Huayup, a tributary of Río Huarmey (H.-W. Koepcke, 1961:30).
- HUCAN;** Cajamarca Not located
"Montaña de Hucan," above Cutervo [0622/7851 (USBGN)], Sztolcman (Taczanowski, 1884b:192); Vaurie, 1972:17.
- HUENQUE, RÍO;** Puno 1612/6944 (USBGN)
Rises at ca. 1710/6945 and flows N to join Río Ilave, Lago Titicaca drainage (MAPA); FMNH.
- HUERO** (Vaurie, 1972:18); see Huyro.
- HUINCO;** Lima 1146/7640 (USBGN)
Town in Santa Eulalia valley (a valley branching N from Rímac valley at E end of Chosica), Hocking, Oct. 1962-May 1970 at Huinco Mt., 7,000 ft [2,135 m] (FMNH); ca. 10 km NNE of Chosica, brush and eucalyptus along river, rocky slopes and scattered cacti and bushes, ca. 1,600 m, LSU party (LSUMZ).

HUIRO (Sclater & Salvin, 1876:16); see Huyro.

HUIRU (Vaurie, 1972:18); see Huyro.

HUMAY; Ica 1343/7554 (USBGN)
430 m (CNG); on Río Pisco, ca. 35 km from coast (MHA as "Huamaí");
Carriker, Mar. 1931, 25 mi [40 km] upriver at 1,300 ft [395 m] (ANSP);
Carriker (Vaurie, 1972:16, as "Huamay" and/or "Huamaí").

HUNGAS MARCOS, PARAMO (Chubb, 1919b:3); see Angasmarca.

HURICONGA (M. Koepcke, 1961a:20); see Huaricanga.

HUROYA (Chubb, 1919b:4); see Oroya, Puno.

HUYRO; Cuzco ca. 1258/7236 (MHA)
ca. 2,200 m (Lamas, in litt.), on tributary to right bank of Río Urubamba,
ca. 3 km E of Huayopata (MHA as "Huiru"); Santa Ana valley [ca.
1252/7243], Whitely, June 1874, 1868 at 4,800 ft [1,465 m] (Berlepsch,
1883:494, as "Huiro"; Sclater & Salvin, 1866:16, as "Huiro"); evidently in
arid tropical zone, Carriker, 4,800 ft [1,464 m] (Bond, 1947a:127, as
"Huiro"); tea plantation, LSU party, Sept. 1974 (LSUMZ as "Hacienda
Huayro"); Orton (Vaurie, 1972:18, as "Huiru"); variant Huero.

- ICA; Ica 1404/7542 (USBGN)
406 m (CNG); on Panamerican Highway, ca. 60 km E of coast (MHA); J. Kalinowski, Oct.-Dec. 1889, Feb. 1890 (Berlepsch & Sztolcman, 1892: 372); Jelski, Watkins (Vaurie, 1972:18); Ortiz de la Puente, Jan. 1952, 340 m, Km 367 between Ica and Nazca [1450/7457 (USBGN)] (MHNJP); H.-W. Koepcke, 1961:30.
- ICA, DEPARTAMENTO DE 1420/7530 (USBGN)
SW Peru; bounded by Pacific on W, Arequipa on S, Ayacucho and Huancavelica on E, and Lima on N (MAPA).
- ICAPIRCA (Vaurie, 1972:18); see Incapirca, Cerro.
- IDMA; Cuzco ca. 1253/7249 (MHA)
ca. 3,000 m, ca. 12 km SW of Quillabamba, left bank of Río Urubamba drainage (MHA); ca. 9 mi [15 km] SW of Santa Ana, subtropical zone, very rainy, Heller, Oct. 1915 at 5,000 ft [1,524 m], Chapman Expedition, July 1916 (Chapman, 1921b:24); J. Kalinowski, June-Aug., Oct.-Nov. 1894, June 1895 at 4,600 ft [1,405 m] (Berlepsch & Sztolcman, 1906:73); Heller, Idma-Quirapata road (Vaurie, 1972:18), also Idma Road and Puna de Idma; see, also, Santa Ana.
- IDMA ROAD (Vaurie, 1972:18); see Idma.
- IJICUCHO (H.-W. Koepcke, 1961:30); see Hacienda Llaguén.
- ILAVE; Puno 1605/6940 (USBGN)
3,847 m (CNG); on road from Puno to La Paz, Bolivia, on Río Ilave (MHA); M. and H.-W. Koepcke, Mar. 1953, between Ilave and Mazo Cruz [1645/6944 (USBGN)] at 4,120 m (Sanft, 1973:423); Pearson (Vaurie, 1972:18); LSU Party (LSUMZ).
- ILLESCA, CERRO (MHA); see Illescas, Cerro.
- ILLESCAS, CERRO; Piura 0600/8103 (USBGN)
517 m, peninsula at S end of Bahía de Sechura, Pacific coast (MHA as "Cerro Illesca"); M. Koepcke, July 1958 (FMNH); M. Koepcke at Quebrada Avip (FMNH); M. Koepcke, July 1958 at Quebrada Chorillo [= Quebrada El Chorillo, q.v.], fog vegetation (MHNJP); M. Koepcke, July 1958 at 150 m (Plenge, 1979:7); H.-W. Koepcke, 1961:30.
- ILLIVINI, CERRO DE; Tacna 1720/6954 (USBGN)
5,369 m, NE of Tarata (MHA); Ortiz de la Puente, Feb. 1948 at 4,300 m, puna (MHNJP).
- ILO; Moquegua 1738/7120 (USBGN)
15 m (CNG); coastal town S of mouth of Río de Osmore (MAPA); Watkins (Vaurie, 1972:18); Zimmer, 1940b:10; H.-W. Koepcke, 1961:30.
- IMASA, RÍO (MHA, MAPA); see Chuchungus, Río.
- IMATA; Arequipa 1550/7105 (USBGN)
ca. 4,000 m, on railway between Arequipa and Juliaca, close to Puno

border (IGM); Vaurie, 1972:18; collector ?, 6 mi [10 km] SSE at 14,500 ft [4,423 m] (MVZ).

IMAZA or CHIRIACO, RÍO (MAPA); see Chuchungas, Río.

IMIYA, QUEBRADA Not located
Pontons, June 1928 (MHNJP); possibly = Río Inuya [1041/7330 (USBGN)].

INAMBARI, RÍO; Madre de Dios 1241/6944 (USBGN)
Flows NNE from Cordillera de Carabaya, then ENE to Río Madre de Dios (MHA); C. Kalinowski, Nov. 1954 at mouth (FMNH); Blake, Sept.-Oct. 1958 at mouth (FMNH); Watkins (Hellmayr, 1930:267); Simons, July 1900 at 1,000 m, probably near Oroya [1353/6940 (USBGN)] (Chubb, 1919b:4), variant Linimbare; H. Watkins and C. Watkins, Mar.-Apr. 1915 at 2,200 ft [670 m] (Zimmer, 1934d:18); collector ?, "near Sagrario [1355/6941 (USBGN)] and Obraje" (Vaurie, 1972:18); variant Linimbare, Río.

INANFUÉ (Vaurie, 1972:19); see Juanjui.

INCAHUASI; Ayacucho 1515/7345 (USBGN)
Town on Laguna de Parinacochas, H.-W. Koepcke, Aug. 1952 at 3,100 m (Sanft, 1973:407); H.-W. Koepcke, 1961:30.

INCA MINE (Chapman, 1901:225); see Santo Domingo.

INCAPAMANÁN; Ancash Not located
Huaylas [0852/7754 (USBGN)] area, Hocking, May, 1979 at 7,100 ft [2,164 m] (FMNH).

INCAPIRCA, CERRO; Junín ca. 1100/7612 (Lamas, in litt.)
12,900 ft [3,935 m], on edge of Lago Junín, in vicinity of, and at similar elevation to Ondores [1104/7608 (USBGN)], J. Kalinowski, May, June 1890 (Berlepsch & Sztolcman, 1896:324, as "Ingapirca"); J. Kalinowski, May 1890 at 13,326 ft [4,065 m] (Sztolcman & Domaniewski, 1927:143); Jelski (Vaurie, 1972:18, as "Ingapirca"); variant Incapirca.

INDEPENDENCIA, BAHÍA DE LA; ICA 1415/7610 (USBGN)
Bay ca. 45 km S of Pisco (MHA); Murphy, Nov. 1919 (Murphy, 1921:55); Carriker, Mar. 1931 (ANSP); Vaurie, 1972:18, as "Independencia Bay."

INDEPENDENCIA BAY (Vaurie, 1972:18); see Independencia, Bahía de.

INDIANA (IGM); see Puerto Indiana.

INGAPIRCA (Berlepsch & Sztolcman, 1896:324); see Incapirca, Cerro.

INGENIO; Amazonas ca. 0556/7759 (LSUMZ)
ca. 1,150 m, army base at small town of Pedro Ruiz, transition from dry, tropical forest to mesic upper tropical forest, LSU party (LSUMZ); 33 km NE on road to Laguna de Pomacochas, in humid cloud forest, Thomas, Dec. 1974 (O'Neill & Parker, 1977:274); collector ?, 20 km E, 1,880 m (MVZ).

- INGENIO; Junín 1153/7515 (USBGN)
3,460 m (CNG); "Ingenio, Concepción" [= Concepción, Provincia del, Castro, Dec. 1969, 3,700 m (MHNJP); see, also, Concepción.
- INOMAPUYA, RÍO; Loreto, now Ucayali ca. 0852/7407 (IGM)
Flows W and S to Río Tamaya above Laguna Inuria (IGM); Hocking, near source, July 1958 (FMNH).
- INSCULAS (IGM); see Inscunlas.
- INSCUNLAS; Lambayeque 0545/7952 (USBGN)
ca. 150 m (MHA); on Panamerican Highway, ca. 28 km NNW of Olmos (IGM as "Insculas"); arid scrub, LSU party (LSUMZ as "Insculas"); correct name "Insculas" (Lamas, in litt.).
- INSTITUTO VETERINARIO DE TROPICALES Y DE ALTURAS; Loreto Not located
59 km E [corrected to W (Dickerman, 1976:80)] of Pullcalpa [0823/7432 (USBGN)], Hinsch, Nov. 1972 (Dickerman, 1975:18).
- INUYA, QUEBRADA; Loreto [probably Ucayali] Not located
Probably = Río Inuya [1041/7330 (USBGN)]; Pontons, June 1928 (MHNJP).
- IPARÍA, PARQUE NACIONAL (MHNJP); see Bosque Nacional de Iparía.
- IQUIQUE
"Latitude 2012 on the coast of Peru," Darwin, 1832-1836 (Darwin, 1841:139); = Iquique, Chile.
- IQUITOS; Loreto 0346/7315 (USBGN)
106 m (CNG); on Río Amazonas, ca. 70 km above its confluence with Río Napo (MHA); Fiedler, Jan. 1934 (Dunajewski, 1939:11); Schunke, July-Aug. 1940 (FMNH); Heller, Mar. 1923 (FMNH); Whitely, Apr.-Sept. 1878 (Hellmayr, 1910:165); C. Kalinowski, Sept. 1956-Jan. 1957 (FMNH); Raimondi, Bartlett, Berlepsch, Bates, Hauxwell, Gyldenstolpe (Vaurie, 1972:18); variant Yquitos; Berlepsch and Gyldenstolpe never in Peru, contra Vaurie (Plenge, in litt.); Weyrauch, Mar. 1942, 120 m (MHNJP); Powlison, ca. 40 mi [64 km] E, at ca. 350 ft [106 m] opposite mouth of Río Napo, several miles up stream called Vanilla, June-Aug. 1966, July-Aug. 1962, July-Aug. 1967 (FMNH); Dixon and Nickerson, Oct. 1974 in young, secondary growth (MPM).
- IQUITOS, ISLA; Loreto 0343/7312 (USBGN)
ca. 120 m, large island in Río Amazonas below Iquitos (MHA); Hocking, Aug. 1969 (FMNH).
- ISCAY (Vaurie, 1972:18); see Islay.
- ISCAYBAMBA (Berlepsch & Sztolcman, 1906:105); see Hacienda Iscaibamba.
- ISCOZACÍN; Pasco ca. 1012/7513 (Lamas)
Río Mairo (Brack Egg, 1970:180, as "Escozacín"); variants Iscozazín, Escozuzan (Lamas, in litt.).

ISCOZAZÍN (Lamas, in litt.); see Iscozacín.

ISHANCAYO RAGRA; Huánuco ca. 0945/7603 (FMNH)
Acomayo [0946/7605 (USBGN)] region, Hocking, Dec. 1972 (FMNH).

ISLA BARADERO (MHA); see Varadero, Isla.

ISLAY; Arequipa 1702/7206 (USBGN)
100 m (CNG); coastal town ca. 10 km W of Mollendo (MHA); Whitely,
May, Sept. 1867 at Islay and in hills, ca. 6 mi [10 km] from Islay (Sclater
& Salvin, 1867c:982); Carriker (Bond, 1951:66); MacFarlane, Rowland
(Vaurie, 1972:18); variant Iscay.

ISLAY, PUNTA; Arequipa 1701/7207 (USBGN)
Rocky point between Mollendo and Matarani (H.-W. Koepcke, 1961:30);
Tovar, 1969:543.

ITAHUANÍA; Madre de Dios 1247/7113 (USBGN)
Right bank of Río Madre de Dios, ca. 57 km above Manu (IGM as
"Ithahuania"); C. Kalinowski, Oct. 1954 at 450 m (FMNH).

ITAYA, RÍO; Loreto 0347/7314 (USBGN)
Rises ca. 0415/7355, flows E, then N, to join Río Amazonas, left bank,
just S of Iquitos (IGM); Schunke, ca. 50 mi [81 km] S of Iquitos (Vaurie,
1972:18); Stott, Oct. 1956 within few mi of Iquitos (Stott, 1957:143).

ITHAHUANIA (IGM); see Itahuanía.

IZAICHACA (Vaurie, 1972:18); see Izcuchaca.

IZCUCHACA; Huancavelica 1229/7501 (USBGN)
2,939 m (CNG); right bank of Río Mantaro (MHA); Jelski (Vaurie,
1972:18); variant Izaichaca.

- JACHJAS, QUEBRADA DE; Junín Not located
Said to be near Junín [1110/7600 (USBGN)] by Zimmer, Jelski (Vaurie, 1972:18); probably = Cashcas, Quebrada, ca. 1112/7603 (Lamas, in litt.).
- JAÉN; Cajamarca 0542/7847 (USBGN)
729 m (CNG); left bank of Río Marañón drainage (IGM); Watkins, June 1924 at 2,400 ft [730 m] (Zimmer, 1941b:8); LSU party, July 1968, 900 m (MHNJP); collector ?, airstrip 4.3 km SE, 2,400 ft [732 m], 10 km N, 440 m, 5 mi [8 km] SSE, 3,000 ft [915 m] (MVZ); MHNJP.
- JAÉN, PROVINCIA DE; Cajamarca 0525/7900 (USBGN)
Province in N Cajamarca in left bank of Río Marañón drainage (MAPA); Raimondi (Vaurie, 1972:18).
- JAGUAY; Ica 1320/7615 (USBGN)
Coastal town N of Chinchá Alta (IGM); Plenge, Nov. 1968 (Plenge, 1974:327, as "Playa Jaguay"); Tovar, Sept. 1964 (Tovar, 1969:532).
- JAHUACocha, LAGUNA; Ancash ca. 1014/7657 (Lamas, in litt.)
"Lake on Mount Yerupaja" [= Yerupajá, Cerro, 1016/7654 (USBGN)], MHA shows an unnamed lake on E slope of Yerupajá on Huánuco side of border at ca. 1016/7653, Harvard Peruvian Expedition (Vaurie, 1972:18).
- JALCA (Vaurie, 1972:18); see La Jalca.
- JAQUÍ; Arequipa 1530/7426 (USBGN)
295 m (CNG); on road just E of Río de Yauca (MHA); Hocking, Apr. 1967, Apr. 1969 (FMNH) (MHNJP).
- JARINACocha (MHNJP); see Yarina-Cocha, Lago.
- JAUARRI, RÍO (Sclater & Salvin, 1866a:176); see Yavarí, Río.
- JAUA; Junín 1148/7530 (USBGN)
3,390 m (CNG); ca. 45 km NW of Huancayo in Río Mantaro valley (MHA); J. Kalinowski, July 1893 (Berlepsch & Sztolcman, 1896:324, 351); M. Koepcke, Aug. 1953 at 3,650 m (M. Koepcke, 1958:175); Kalinowski, "plateau of Jauja," and Tschudi, streams and rivers of high mountains (Vaurie, 1972:18); Tschudi, 14,500 ft [4,423 m] (Tschudi, 1844-1846:181).
- JUAJA-TARMA ROAD; Junín ca. 1135/7535 (Hocking)
Highest point on road from Jauja to Tarma, Hocking at 13,000 ft [3,965 m], Apr. 1970 (FMNH); high point called Lomo Largo (Plenge, in litt.).
- JAULI VALLEY Not located
Berlin Museum specimen (Peters & Griswald, 1943:307).
- JAUPAC, QUEBRADA (H.-W. Koepcke, 1961:30); see Jaupac, Río Seco de.
- JAUPAC, RÍO SECO DE; Ancash ca. 1006/7810 (H.-W. Koepcke)
Streams S of Huarmey (MHA); dry valley (H.-W. Koepcke, 1961:30, as "Jaupac, Quebrada").

- JAUPAR; Huánuco 0935/7554 (USBGN)
ca. 800 m, on left bank affluent of Río Huallaga, ca. 35 km upriver from
Tingo María (IGM); Hocking, Sept-Oct. 1974 at 5,000 ft [1,524 m], June
1975 at 6,000 ft [1,830 m], Oct. 1975 in Chinchao region (FMNH).
- JAVARI, RÍO (Vaurie, 1972:18); see Yavarí, Río.
- JAVARRI, RÍO (Sclater & Salvin, 1866a:176); see Yavarí, Río.
- JAYANCA; Lambayeque 0624/7950 (USBGN)
61 m (CNG); ca. 35 km NNE Lambayeque on Río Chotoque (IGM); LSU
party, 5 km N, 2 km W, July 1979, Oct. 1977 (Schulenberg & Parker,
1981:212).
- JEBEROS; Loreto 0517/7613 (USBGN)
165 m (CNG); left bank of Río Huallaga drainage (MHA as "Jeveros");
Bartlett, summer 1866, on open, sandy campos (Sclater & Salvin, 1873b:
254 as "Xeberos"); Vaurie, 1972:19 as "Jeveros", variant "Xeveros";
Bosque de Jeberos, Raimondi (MHNJP).
- JELACHE, RÍO; San Martín ca. 0648/7712 (IGM)
Rises in Amazonas, flows SE to join Río Huayabamba in San Martín
(IGM); Carriker, Aug. 1932 at 4,500-5,000 ft [1,373-1,525 m] (Carriker,
1934a:319, as "Río Jelashte"); Vaurie, 1972:18, as "Río Jelashte"; Río
Jelache is correct (Lamas, in litt.).
- JELAShte, RÍO (Carriker, 1934a:319); see Jelache, Río.
- JELÍ (H.-W. Koepcke, 1961:30); see Jelí, Punta.
- JELÍ, PUNTA; Tumbes 0329/8022 (USBGN)
Canal and estuary near Puerto Pizarro, mangroves (H.-W. Koepcke,
1961:30, as "Jelí").
- JENES MOUNTAINS; Amazonas Not located
Local name for mountains E of Balsa [0650/7801 (USBGN)] (Vaurie,
1972:19).
- JEQUETEPEQUE; La Libertad 0720/7935 (USBGN)
20 m (CNG); at mouth of Río Jequetepeque (MHA); H.-W. Koepcke,
1961:30; D. Tallman, Nov. 1973 (Schulenberg & Parker, 1981:211).
- JEQUETEPEQUE, RÍO; La Libertad 0721/7936 (USBGN)
Rises as affluent of Río Chileté in Cajamarca, which flows W to become
Río Jequetepeque and joins Pacific in La Libertad (MHA); Sztolcman
(Vaurie, 1972:19); Ramírez, Apr. 1954, near Pacasmayo (MHNJP); variant
Xetequepeque, Río.
- JESÚS; Arequipa ca. 1625/7125 (Lamas)
"Baños de Jesús," near to and just E of Arequipa [1624/7133 (USBGN)],
Tate (Vaurie, 1972:19); Lamas, 1976:20; Zimmer, 1937b:12).
- JESÚS, PAMPA; Junín ca. 1114/7518 (Vaurie)
Plain extending from Río Aynamayo [= upper Río Vítoc] toward Río

Tulumayo, near Paltaypampa [ca. 1120/7517 (Vaurie)] (Taczanowski, 1884a:70); "Quebrada de Vítoc," Jelski (Vaurie, 1972:25).

JEVEROS (Vaurie, 1972:19); see Jeberos.

JEVIL, RÍO; Amazonas ca. 0625/7718 (Vaurie)
Small affluent of upper Río Hambo [probably = Río Huambo], Sztolcman, Raimondi (Vaurie, 1972:19), variant Río Gevil.

JINKI; Cuzco Not located
In area of Ocongate [1338/7124 (USBGN)], C. Kalinowski, July 1949 at 3,500-4,000 m (FMNH); possibly = Hacienda Tinquí, ca. 1340/7119 (Lamas, in litt.).

JIVARRI, RÍO (Sclater & Salvin, 1866a:176); see Yavarí, Río.

JUAJYUMBE (Blake, 1961:575); see Huajyumbé.

JUANFUÉ (Hellmayr & Conover, 1949:173); see Juanjuí.

JUANJUÍ; San Martín 0711/7645 (USBGN)
283 m (CNG); ca. 9 km below mouth of Río Huayabamba, left bank of Río Huallaga (MHA); Garlepp, Aug. 1887 (Berlepsch, 1889a:181, as "Tuanfué"); Ortiz de la Puente, Aug. 1948, Merrino, Feb. 1949 (MHNJP); Vaurie, 1972:19, variants Juanjuy, Juanfue, Inanfue; Hellmayr & Conover, 1949:173, as "Juanfue."

JUANJUY (Vaurie, 1972:19); see Juanjuí.

JULCÁN; Junín 1144/7525 (USBGN)
3,460 m (CNG); ca. 10 km E of Jauja (IGM); appears in MHA index, but not on map; near Maraynioc (Vaurie, 1972:19); J. Kalinowski, Oct. 1892 (Berlepsch & Sztolcman, 1902:27, as "Tuhan"); Vaurie, 1972:33, as "Tulian."

JULI; Puno 1613/6927 (USBGN)
3,992 m, SW shore of Lago Titicaca (MHA); J. A. Smyth, Mar. 1940 (FMNH); Garman, Jan.-Mar. 1875 (Allen & Garman, 1875:357); collector ?, 4 km E, 12,600 ft [3,843 m] (MVZ).

JULIACA; Puno 1530/7008 (USBGN)
3,824 m (CNG); ca. 25 km W of Lago Titicaca (MHA); Keays [Zimmer says this is an error, as Keays specimens are from Inca Mine] (Vaurie, 1972:19); Ortiz de la Puente, Feb. 1948 (FMNH) (MHNJP); H.-W. Koepcke, between Juliaca and Huancané [1512/6946 (USBGN)], Lago Titicaca at 3,850 m, Aug. 1952, Mar. 1953, M. Koepcke, Feb. 1953 (Sanft, 1973:407); LSU party (LSUMZ).

JUNÍN; Junín 1110/7600 (USBGN)
4,107 m (CNG); Kalinowski, Jelski, Raimondi, Sztolcman (Vaurie, 1972:19); Brabourne (Brabourne & Chubb, 1914:21); Simons, Mar. 1900 (Chubb, 1918a:84); Anderson, Apr. 1914 (FMNH); collector ?, 15 km SSE, 3,960 m (MVZ); Ortiz de la Puente, July 1951, also, unknown collector, puna, 1873

(MHNJP); old records probably include shores of Lago de Junín, Pampa de Junín, and other nearby areas (Plenge, in litt.).

JUNÍN, DEPARTAMENTO DE 1130/7500 (USBGN)
Central Peru, bounded by Pasco on N, Ucayali and Cuzco on E, Ayacucho and Huancavelica on S, and Lima on W (MAPA).

JUNÍN, LAGO DE; Junín/Pasco 1102/7606 (USBGN)
ca. 4,000 m, large lake in highlands of central Andes, source of Río Mantaro (MHA); "Chinchaycocha" and "Chinchaicocha" are Quechua names for Lago de Junín; shallow, ca. half reed beds, Carriker, Apr. 1930 on E side near Carhuamayo, at Rock Forest, at Duck House [= Casa de Patos] and at lake above Lago de Junín, which may = Laguna Patocancha, at ca. 13,000-14,000 ft [3,965-4,270 m] (ANSP); Beck, Mar. 1913 (Murphy, 1936:9); Anderson, Apr.-May 1914 (FMNH); Morrison, Jan.-May 1938 on E shore, S end ca. 6 km from Carhuamayo, at a hut called Casa Patos [= Casa de Patos] (Morrison, 1939c:644); Sanborn, Feb. 1946 (FMNH); collector ?, 13 km N of Junín at 4,100 m (MVZ); Ortiz de la Puente, July 1951 at 4,125 m (Sanft, 1973:407); Jelski (Taczanowski, 1886:474); Gill & Storer, Nov. 1961 (Gill, 1964:209); see, also, Pampa de Junín.

JUNÍN, PAMPA DE; Junín ca. 1050/7610 (Hocking)
High plateaus in area N of Lago de Junín, Dorst, Dec. 1954 (Dorst, 1956b:267); Hocking, Sept. 1969, 14,000 ft [4,270 m] (FMNH); paramo grasslands, 4,200 m, Vuilleumier, May 1965 (Vuilleumier & Simberloff, 1980:243).

JURIMAGUAS (Lamas, 1976:24); see Yurimaguas.

JURUÁ, RÍO; see Yuruá, Río.

- KACHKAL (M. Koepcke, 1961a:21); see Catzcal, Quebrada Honda de.
- KAGKA, RÍO; Amazonas ca. 0433/7816 (O'Neill)
O'Neill, July 1964 (MHNJP); "Bashuim, 0433/7816" (O'Neill, 1969:9, as "Río Kangka"); collector ?, "Kanga, Río Cenepa" (MVZ); correct name "Kagka, Río" (Lamas, in litt.).
- KAUKUCANCHA, LAKE; Junín Not located
Near Laguna Patocancha, ca. 1056/7558 (Lamas, in litt.); small lake 1-1/2 hrs hard walk from Lago de Junín, Carriker, 14,000 ft [4,270 m], Feb. 1931 (ANSP).
- KANGA (MVZ); see Kagka, Río.
- KANGKA, RÍO (O'Neill, 1969:9); see Kagka, Río.
- KARENE (Lamas, in litt.); see Colorado, Río; Madre de Dios.
- KEATON RIVER (Vaurie, 1972:19); see Quitún, Río.
- KEUSOLLANI, LAGUNA; Puno Not located
Near Checayani [1449/7001 (USBGN)], de Macedo, May 1966, 4,000 m (MHNJP).
- KHACHUPATA (Vaurie, 1972:19); see Cachupata.
- KIGKIS; Amazonas ca. 0452/7757 (LSUMZ)
Aguaruna Indian village on Río Nieva, lowland wet forest, hilly, LSU party (LSUMZ).
- KILOMETER 9; La Libertad Not located
On coast in lowlands W of Andes, on road to Cajamarca [0710/7831 (USBGN)], LSU party (LSUMZ).
- KILOMETER 50 (M. Koepcke, 1961a:24); see Olmos.
- KILOMETER 71 (ANSP); see Pichis Trail.
- KILOMETER 93 (Bond, 1947a:147); see Pichis Trail.
- KILOMETER 161; Junín Not located
Between Canta [1125/7638 (USBGN)] and Huarón [1100/7625 (USBGN)], Ortiz de la Puente, humid campos, June 1948 (MHNJP).
- KILOMETER 195 (M. Koepcke, 1961a:9); see Paramonga.
- KILOMETER 209; Loreto, now Ucayali Not located
On road to Pucallpa [0823/7432 (USBGN)], Ridoutt, Aug. 1943 (MHNJP).
- KILOMETER 211 Not located
Probably in the Chanchamayo valley [1106/7519 (USBGN)], Goytisolo, Aug. 1941 (MHNJP).

KILOMETER 381.4 (Weske and Terborgh, 1977:145); see Corral Quemado-Nazareth Highway.

KILOMETER 410; Ica Not located
Between Palpa [1432/7511 (USBGN)] and Nazca [1450/7457 (USBGN)], Panamerican Highway, Ortiz de la Puente, Jan. 1952 (MHNJP).

KILOMETER 485; La Libertad Not located
Near Trujillo [0807/7902 (USBGN)], Ortiz de la Puente, Apr. 1951 (MHNJP).

KILOMETER 879; Lambayeque Not located
ca. 5.2 km N of Olmos [0559/7946 (USBGN)], Parker, Sept., Oct. 1977 and Graham, Oct. 1978 in marsh (Schulenberg & Parker, 1981:210).

KITENI; Cuzco ca. 1220/7250 (Parker & O'Neill)
450 m, small village on Río Urubamba, 66 km by road downriver from Rosalina, LSU party, Sept. 1974 in transition between dry tropical zone deciduous forest and humid tropical zone forest on Río Urubamba floodplain (Parker & O'Neill, 1980:168); variant Quiteni.

KUSÚ; Amazonas 0427/7816 (O'Neill)
Aguaruna Indian village on Río Comaina, lowland, wet forest, hilly, LSU party, Aug. 1964 (O'Neill, 1969:9).

- LA ARENA; Piura 0520/8044 (USBGN)
29 m (CNG); on coastal plain near Río Piura ca. 30 km inland (MHA); C. Kalinowski, June 1954 at Hacienda San Luis (FMNH).
- LA AROYA (Vaurie, 1972:19, 24); see Oroya, Puno.
- LABRAMARCA; Cuzco 1342/7119 (USBGN)
3,995 m (MHA as "Lauramarca"); on Río Lauramarca [= Río Labramarca], an affluent of upper Río Paucartambo (MAPA); Garlepp (Vaurie, 1972:20 as "Lauramarca" and as "Cauramarca").
- LA BREA; Piura 0415/8054 (USBGN)
ca. 8 km S of Piura/Tumbes border (IGM); arid littoral with scrub along washes, LSU party (LSUMZ).
- LA BREA, CERROS DE; Piura 0435/8055 (USBGN)
To ca. 1,500 m, range in NW Piura running parallel to coast (MHA); Sanborn, Feb. 1944 (FMNH); M. Koepcke, near Angolo, in Cerros de Amotape [= Cerros de La Brea (USBGN)], Apr. 1956 (MHNJP); H.-W. Koepcke, 1961:27, as "Amotape-Berge").
- LA CALDERA; La Libertad ca. 0813/7715 (LSUMZ)
Bowl-shaped valley drained by small stream (Quebrada La Caldera), just below crest on W slope, E Andes, E of Tayabamba on Tayabamba-Ongón trail, shrubby, temperate forest, pajonal, LSU party, 1979, 3,550 m (LSUMZ).
- LA CAPITANA; Tumbes 0347/8030 (USBGN)
Río Tumbes valley (IGM as "Capitana"); LSU party (LSUMZ as "Capitana").
- LACHAY, LOMAS DE; Lima 1121/7723 (USBGN)
Area probably = Punta de Salinas or Lachay of MHA; coastal plains between Chancay and Huacho, begins ca. 3 km E of Panamerican Highway, green part extends from ca. 1,000-3,000 ft [305-915 m], Hocking, Sept. 1970 (FMNH); collector ?, 22 km N, 11 km W of Chancay at 1,300 ft [397 m] (MVZ); desert vegetation, M. Koepcke, Oct. 1959 at 380 m, Sept. 1962 at 400 m (M. Koepcke, 1963b:3); Montesa, Sept.-Nov. 1962, Mar. 1964 (M. Koepcke, 1968:231); Cárdenas and Medina, Nov. 1965 (MHNJP); fog in Aug. and Sept., Hocking, Nov. 1972, 1,000 ft [305 m], 1,500 ft [457 m] (FMNH); LSU party, fog vegetation (LSUMZ); H.-W. Koepcke, 1961:31.
- LACHAY, PUNTA; Lima 1118/7739 (USBGN)
Area ca. 25 km S of Huacho (IGM as "Punta Salinas"); Tovar, 1962-1965 (Tovar, 1969:527, as "Salinas"); large desert with salt lagoon (H.-W. Koepcke, 1961:35, as "Salinas"); see, also, Lachay, Lomas de.
- LA CHIRA; Arequipa ca. 1630/7300 (Tovar)
Guano point, Tovar, 1962-1965 (Tovar, 1969:527), also as Chira, Punta.
- LA CHIRA, PLAYA; Lima Not located
Beach just S of Lima [1203/7703 (USBGN), Plenge, Aug. 1972 (Plenge, 1974:326).

- LACHOC; Huancavelica 1250/7506 (USBGN)
ca. 4,500 m, ca. 10 km SW of Huancavelica (MHA); Morrison, Oct. 1937
at 13,650 ft [4,165 m], puna (Morrison, 1939b:459, as "Lachocc"); Vaurie,
1972:19; variant Lachocc.
- LACHOCC (Morrison, 1939b:459); see Lachoc.
- LA CONVENCION, VALLE DE; Cuzco
Valley of upper Río Urubamba, from Huadquina [1307/7239 (USBGN)] to
Chaguare below Echarate [1240/7237 (USBGN)] (Dicc. Geogr.) and the
several tributary valleys including Huyro and Vilcabamba. Other
important areas based on this valley are the Cirialo region, extending
beyond Chaguare along the middle Urubamba, and the Lares region,
comprising the valleys of Ríos Yanatili, Ocobamba, and Lares (Plenge, in
litt.); Brack Egg, 1970:146, as "Santa Ana in the Valle de Convención";
see, also, Santa Ana, Echarate, Huayopata, and Santa Ana, Valley of.
- LA CRUZ; Lima Not located
Guano island near Callao [1204/7709 (USBGN)], Tovar, 1962-1965 (Tovar,
1969:527).
- LA CUMBRE (Lamas, in litt.); see La Cumbre de Oroya.
- LA CUMBRE DE OROYA; Junín ca. 1128/7553 (Lamas)
ca. 4,200 m, high pass on old road from La Oroya to Tarma, Carriker,
Apr. 1930 (Bond, 1945:18); Carriker, Dec. 1929 at 14,000 ft [4,270 m]
(Carriker, 1931:458, as "Cumbre de Oroya"); Lamas, in litt., variant La
Cumbre.
- LA DIMSORIA; Huánuco/Loreto, now Ucayali ca. 0905/7546 (Plenge)
1,613 m, pass on Huánuco/Ucayali border between Tingo María and
Pucallpa (Plenge, in litt.); Hocking, Dec. 1969, Ucayali side, at 4,800 ft
[1,465 m] (FMNH as "Divisoria"); Schunke, Aug. 1947 at 1,300-1,600 m,
subtropical zone (Traylor, 1958:87); Schunke, July 1947 (FMNH as
"Tivisoria"); de Macedo, Aug. 1942, in forest at Km 197 on road to
Pucallpa, and Hebrard, Aug. 1967 (MHNJP).
- LA ENSENADA; Cajamarca Not located
Near Ninabamba [0640/7847 (USBGN)], Ortiz de la Puente, Apr. 1951,
1,870 m (MHNJP).
- LA ENSENADA, LAGUNAS; Arequipa ca. 1707/7152 (Lamas, in litt.)
5 km S of Mejía [1706/7155 (USBGN)], von Wedemeyer, Sept. 1956
(MHNJP).
- LA ESMERALDA; Huancavelica 1238/7436 (USBGN)
ca. 2,500 m, in Río Mantaro valley (MHA as "Anco"); arid, thornbushes,
cactus, Morrison, Dec. 1937 at 8,125 ft [2,480 m] (Morrison, 1939b:457,
as "Anco").
- LA ESPERANZA; Cajamarca 0636/7854 (USBGN)
1,700 m (CNG); upper Río Chancay, ca. 5 km NE of Santa Cruz (MAPA);
Ortiz de la Puente, Apr. 1951 at 1,300 m (MHNJP); Vaurie gives 7835W,
probably error for 7853W (Vaurie, 1972:14, as "Esperanza").

- LA ESPERANZA; Junín (Berlepsch and Sztolcman, 1896:385); see Hacienda La Esperanza.
- LA ESPERANZA; Piura 0455/8105 (USBGN)
Dreyfus, Jochamowitz, Mar. 1941, ricefields (MHNJP as "Hacienda Esperanza").
- LA FAROLA; Ancash Not located
Guano point on coast N of Punta Culebras [0957/7815 (USBGN)], Tovar, 1962-1965 (Tovar, 1969:527).
- LA FLORIDA; Cajamarca ca. 0652/7908 (IGM)
1,200 m (CNG); upper Río Zaña, Pacific drainage (IGM); M. Koepcke, Apr. 1954 at 1,000 m (M. Koepcke, 1961a:17); near Hacienda Taulís [= Taulís], M. Koepcke, Mar. 1952 (MHNJP); H. W. Koepcke, 1961:31; variant Florida.
- LA FLORIDA; Junín ca. 1050/7506 (Hocking)
On Río Yurinaqui, S of Yurinaqui Alto, Hocking, Aug. 1968 (FMNH).
- LA GALERA (Bond, 1945:19); see Galera.
- LA GARITA (Vaurie, 1972:14); see Garita Del Sol.
- LAGARTO; Loreto, now Ucayali 1040/7354 (USBGN)
Upper Río Ucayali, at mouth of Río Urubamba, Olalla Brothers, Mar. 1928 (Zimmer, 1931a:13).
- LAGARTO, RÍO; Loreto, now Ucayali ca. 1041/7349 (Vaurie)
Upper Río Ucayali, Olalla Brothers, Mar. 1928 (Chapman, 1928:11); Zimmer, 1938b:51.
- LAGARTOCOCHA, RÍO; Loreto 0039/7516 (USBGN)
Affluent of Río Napo, forming Peruvian/Ecuadorian border (IGM); collection made on boundary, Carriker, at mouth, date ? (Bond, 1955a:222).
- LAGARTO HEAD (Wetmore, 1922:170); see Cabeza Lagarto, Punta.
- LA GLORIA; Junín Not located
"Forest of La Gloria, Vítoc" located 600 ft [185 m] above La Merced [1103/7519 (USBGN)], Kalinowski (Vaurie, 1972:19); 3,200 ft [975 m] in valley of Chanchamayo, J. Kalinowski, Aug. Sept. 1890, Jan., Feb., Apr. 1891 (Berlepsch & Sztolcman, 1896:325).
- LA GRAMA; Cajamarca ca. 0727/7808 (Lamas, in litt.)
ca. 2,000 m, left bank of Río Marañón drainage (IGM); situated somewhere between Huamachuco, La Libertad, and San Martos [= San Marcos, Cajamarca], Simons (Vaurie, 1972:19); Simons, Nov. 1899 at 2,000 m (Chubb, 1919b:3).
- LA GRANADILLA (H.-W. Koepcke, 1961:31); see Granadilla.

- LAGUNA DE CORDILLERA; Puno Not located
W. Lubimoff, 1940 in puna zone (FMNH).
- LAGUNA DE MALA (Vaurie, 1972:19); see Mala.
- LAGUNA DE PACA (Lamas, in litt.); see Paca, Laguna.
- LAGUNA DE TAMBO (Sclater & Salvin, 1868a:173); see Tambo, Arequipa.
- LAGUNA DE VILLA (Vaurie, 1972:34); see Villa, Laguna de.
- LAGUNA ENCANTADA; Lima ca. 1301/7625 (Hocking)
Small pond that used to be a small lake ca. 2 km NE of San Luis, near
Cañete [= San Vicente de Cañete], Hocking, Nov. 1972 (FMNH).
- LAGUNA GRANDE; Ica ca. 1350/7615 (H.-W. Koepcke)
Deep bay S of Pisco [1342/7613 (USBGN)] (H.-W. Koepcke, 1961:31).
- LAGUNAS; Lambayeque 0705/7943 (USBGN)
Coastal town at mouth of Río Zaña (MHA); Bartlett (Vaurie, 1972:19);
H.-W. Koepcke, 1961:31.
- LAGUNAS; Loreto 0514/7538 (USBGN)
149 m (CNG); right bank of Río Huallaga, ca. 35 km above its confluence
with Río Marañón (MHA); Anderson, Sept.-Oct. 1912 (Cory, 1916:338).
- LAGUNILLAS (LSUMZ); see Lagunillas, Caleta.
- LAGUNILLAS; Puno ca. 1548/7048 (Lamas, in litt.)
Carriker (Vaurie, 1972:19); see, also, Lagunillas, Laguna.
- LAGUNILLAS, CALETA; Ica 1354/7618 (USBGN)
Bay on S side of Bahía de Paracas, LSU party (LSUMZ as "Lagunillas");
H.-W. Koepcke, 1961:31; Kennedy, Sept. 1975 (Graves, 1981:76, as
"Lagunillas").
- LAGUNILLAS, LAGUNA; Puno 1544/7043 (USBGN)
Large lake, ca. 10 km W of Santa Lucía (MAPA); MHA shows this lake
as L. Saracocha, and also shows a town of Lagunilla nearby, which is not
on other maps or in USBGN; Holms (Vaurie, 1972:19, as "Lagunillas"); N
side on railroad (Plenge, in litt.).
- LA HERRADURA; Lima 1211/7703 (USBGN)
Collector ?, June 1961, between La Herradura and La Chira [1213/7702
(USBGN)] (MHNJP).
- LA HUACA; Piura ca. 0454/8057 (Lamas, in litt.)
22 m (CNG); Raimondi (Taczanowski, 1884b:418, as "La Huanca").
- LA HUANCA (Taczanowski, 1884b:418); see La Huaca.
- LA JALCA; Amazonas 0629/7743 (USBGN)
2,891 m (CNG); on tributary to right bank of Río Utcubamba (MHA as
"Jalca"); Vaurie, 1972:18, as "Jalca."

- LAJAS; Cajamarca 0634/7844 (USBGN)
2,134 m (CNG); upper Río Chotano (IGM); LSU party (LSUMZ).
- LAJILLA (Vaurie, 1972:19); see Lajillas, Cerro.
- LAJILLAS, CERRO; Tumbes 0351/8016 (USBGN)
Top of divide between Pullango [= Río Puyango (MHA)] and Río Tumbes,
Watkins (Vaurie, 1972:19, as "Lajilla"), variant La Lajilla.
- LAKE JUNÍN; see Junín, Lago de.
- LA LAJA; Tumbes ca. 0348/8008 (Vaurie)
Probably on Lajas, Quebrada [0340/8013 (USBGN)], a tributary to Río
Zarumilla on Peru/Ecuador border, Carriker, June 1933 at 2,000 ft [610
m] (ANSP); Bond, 1945:19, as "La Laja, Piura"; Vaurie, 1972:19.
- LA LAJILLA (Vaurie, 1972:19); see Lajillas, Cerro.
- LA LAMOR (Chapman, 1926a:14); see Alamor.
- LA LECHE (H.-W. Koepcke, 1961:31); see Leche, Río de la.
- LA LEJÍA; Amazonas ca. 0610/7731 (Lamas)
"N of Chachapoyas" [0613/7751 (USBGN)], Watkins, Feb.-Mar. 1925 at
9,000 ft [2,745 m] (Zimmer, 1935b:4); Vaurie's 1972:19 coordinates in
error (Lamas, 1976:19).
- LA LIBERTAD; Loreto ca. 0705/7505 (MHA)
ca. 100 m, right bank of Río Ucayali, ca. 27 km NW of Contamana
(MHA); Vaurie, 1972:20.
- LA LIBERTAD, CERRITO DE (Lamas, in litt.); see Libertad, Cerro.
- LA LIBERTAD, DEPARTAMENTO DE 0800/7830 (USBGN)
NW Peru, bounded on W by Pacific, on S by Ancash and Huánuco, on E
by San Martín, and on N by Amazonas, Cajamarca, and Lambayeque
(MAPA).
- LAMAS; San Martín 0625/7635 (USBGN)
809 m (CNG); ca. 20 km NW of Tarapoto on road to Moyobamba, Río
Huallaga drainage (MHA); according to Zimmer, Taczanowski corrected
Lamas to Lomas [not located] which may not = this Lamas, Garlepp,
Raimondi (Vaurie, 1972:20); Garlepp (Berlepsch, 1889b:289); Raimondi
(Taczanowski, 1884b:487).
- LAMBAYEQUE; Lambayeque 0642/7955 (USBGN)
17 m (CNG); on coastal plain ca. 11 km NW of Chiclayo (MHA); H.-W.
Koepcke, 1961:31; Schulenberg and Parker, in coastal marshes W of city,
Oct. 1977 (Schulenberg & Parker, 1981:213).
- LAMBAYEQUE, DEPARTAMENTO DE 0620/8000 (USBGN)
N Peru, bounded on N by Piura, on E by Cajamarca, on S by La Libertad,
and on W by Pacific (MAPA); Raimondi (Taczanowski, 1866:402).

LAMBEDERO, Ecuador (Chapman, 1926a:711); see Lamedero.

LAMEDERO; Tumbes 0336/8012 (USBGN)
Large pond, ca. 2 km long, in forest near Puesto Lechugal, Jelski and Sztolcman, Mar. 1876 (Taczanowski, 1877a:319, as "Poso de Lambedero"); Vaurie, 1972:27, as "Pozo de Lambedero" and "Lamederos"; on Río Zurumilla [= Río Zarumilla], Sztolcman (Chapman, 1926a:711, as "Lambedero, Ecuador").

LAMEDEROS (Vaurie, 1972:27); see Lamedero.

LA MEJORADA; Huancavelica ca. 1230/7456 (Vaurie)
At confluence of Río Huancavelica and Río Mantaro, Morrison, Sept.-Dec. 1937 at 9,397 ft [2,865 m], arid, temperate zone (Morrison, 1939b:459); Vaurie, 1972:20.

LA MERCED; San Martín (MHNJP); see La Merced de Cachiyaquillo.

LA MERCED; Junín 1103/7519 (USBGN)
ca. 800 m, Chanchamayo valley, ca. 8 km N of San Ramón (MHA); J. Kalinowski, July-Oct. 1890, Jan.-Apr., July-Aug., Oct. 1891 at 2,600 ft [795 m] (Berlepsch & Sztolcman, 1896:325); Hocking, June 1970 at 2,000 ft [610 m] (FMNH); Schunke, Apr.-May 1921 (FMNH); Watkins (Vaurie, 1972:20); Simons, Mar. 1900 at 1,000 m (Chubb, 1919b:4); Gochfeld, Aug. 1972 (Gochfeld, 1977:391).

LA MERCED DE CACHIYAQUILLO; San Martín ca. 0753/7641 (Lamas)
Between Uchiza and Tocache on Río Huallaga, Ortiz de la Puente, 1948, UNESCO Expedition (MHNJP, as "La Merced"); also known as "Cachiyaquillo" (Lamas, in litt.).

LA MOLINA; Lima 1205/7657 (USBGN)
241 m (CNG); suburb of Lima on E outskirts, mixture of suburban gardens and agriculture, LSU party (LSUMZ).

LAMOR (Chapman, 1926a:14); see Alamor, Piura.

LAMPA; Puno Not located
"Very near Checayani [= Checayane, 1449/7001 (USBGN)], George, Oct. 1962 (George, 1964:248); there is a Lampa [1521/7022 (USBGN)] ca. 70 km SW of Checayane.

LANCHAPATA Not located
Raimondi (Vaurie, 1972:20), variant Lanchepata.

LANCHEPATA (Vaurie, 1972:20); see Lanchapata.

LANGUI (Vaurie, 1972:20); see Langui y Layo, Laguna de.

LANGUI, LAGUNA (MHA); see Langui y Layo, Laguna de.

LANGUI Y LAYO, LAGUNA DE; Cuzco 1429/7113 (USBGN)
4,140 m, large lake in Nudo de Vilcanota (MHA as "Laguna Langui");

Whitely, Holmes (Vaurie, 1972:20, as "Langui"), variants Laguna de Langui and Laguna de Tanjui.

LANZY COCHA; San Martín ca. 0631/7619 (Vaurie)
Near Tarapoto, Garlepp (Vaurie, 1972:20); Garlepp, Feb. 1885 (Berlepsch, 1889b:289); probably = Lauricocha (Lamas, in litt.).

LA OFRENDA, PLAYA; Lima ca. 1147/7712 (Lamas, in litt.)
Near Ancón, Forbes, 1912-1913 (Forbes, 1914:411, as "Ofrenda Bay").

LA OROYA; Junín 1132/7554 (USBGN)
3,745 m (CNG); on Río Mantaro at confluence with Río Yauli (MHA); J. Kalinowski, Sept. 1890 between Tarma [1125/7542 (USBGN)] and La Oroya (Berlepsch & Sztolcman, 1902:51); Carriker, Apr. 1930, at 12,225 ft [3,730 m] on Río Mantaro (ANSP as "Oroya" and "Cumbre de Oroya"); Beck, Mar.-Apr. 1913 (Murphy, 1936:9); Anderson, May 1912 (FMNH as "Oroya"); puna grassland, severely damaged by pollution from mining, LSU party (LSUMZ); Weyrauch, Sept. 1941 at 4,300 m, puna (MHNJP as "Oroya"); collector ?, 3,900 m (MVZ); M. Koepcke, Aug. 1953, between La Oroya and Tarma [1125/7542 (USBGN)] at 4,200 m (MHNJP); Simons, Mar. 1900 at 4,200 m (Chubb, 1919b:4, as "Oroya"); Andrews, Univ. party, 9.5 mi [15 km] N at 13,000 ft [3,965 m], June 1964, June 1968 (FMNH).

LA OROYA; Puno (Carriker, 1930:456); see Oroya.

LA PACHINGA, QUEBRADA; Lambayeque ca. 0545/7942 (Schulenberg & Parker)
del Solar, Oct. 1977 (Schulenberg & Parker, 1981:210).

LA PAMPA; Puno 1139/6936 (USBGN)
573 m, on road from Santo Domingo to eastern lowlands (MHA); Carriker, July 1931 at 2,500 ft [765 m] (ANSP) (Bond, 1950b:2); Sanborn, Oct. 1941 (FMNH); Watkins, Oct.-Nov. 1916, tropical zone (Zimmer, 1932f:18).

LA PAMPA DE ARRIEROS (Vaurie, 1972:20); see Pampa de Arrieros.

LA PASTORA; Madre de Dios ca. 1234/6912 (Lamas, in litt.)
NW of Puerto Maldonado [1236/6911 (USBGN)]; hills on Río Madre de Dios between Río Inambari and Río de las Piedras, C. Kalinowski, Nov. 1954 (FMNH).

LA PECA (Fitzpatrick & O'Neill, 1979:445); see La Peca Nueva.

LA PECA NUEVA; Amazonas 0535/7822 (USBGN)
ca. 2,000 m, Río Utcubamba drainage ca. 10 km E of Bagua (IGM); Schulenberg, June 1978, 12-20 km by trail E at ca. 0534/7817 (Fitzpatrick & O'Neill, 1979:445, as "La Peca"); in Cordillera de Colan (Parker, in litt.).

LA PLANICIE; Lima ca. 1204/7655 (LSUMZ)
ca. 250 m, subdivision on E outskirts of Lima, sandy slopes with suburban gardens in level areas, LSU party (LSUMZ).

- LA POZA; Amazonas ca. 0403/7746 (LSUMZ)
180 m, village on W bank of Río Santiago, ca. halfway between mouth and Ecuadorian border, tall tropical forest, hilly, LSU party, Sept.-Dec. 1979 (LSUMZ).
- LA PRIMAVERA; La Libertad 0721/7936 (USBGN)
Small hacienda in region of mouth of Río Jequetepeque (H.-W. Koepcke, 1961:34, as "Hacienda La Primavera").
- LA PUNTA (Bond, 1945:19); see Punta de Bombón.
- LA PUNTA DE BOMBON (Vaurie, 1972:20); see Punta de Bombón.
- LA PUNTILLA; Ica 1350/7615 (USBGN)
S of Pisco, Ortiz de la Puente, July 1952 (M. Koepcke, 1961a:6); MHNJP as "Puntilla"; Ashmole, Oct., Nov. 1965 in small inlet ca. 2 mi [3 km] N of Paracas Bay (Ashmole, 1970:131).
- LA QUINUA; Pasco 1036/7610 (USBGN)
3,350 m, ca. 12 km NE of Cerro de Pasco on central Highway, Río Huallaga drainage (MHA); humid, temperate, just below timber line, Zimmer, May 1922 at 12,000 ft [3,660 m] (Zimmer, 1930:236); Heller, May 1922 (FMNH, variant "Quinua"); above Huariaca, *Polylepis*, LSU party (LSUMZ).
- LARAME (FMNH); see Laramie.
- LARAMI (FMNH); see Laramie.
- LÁRAMIE; La Libertad ca. 0836/7843 (IGM)
Sea level, ca. 3 km from Pacific on Río Huamanzaña (IGM); Río Chao [probably = Río Huamanzaña of IGM] valley, Hocking, Martínez, Jan., Feb. 1975, at 500 ft [152 m] (FMNH as "Larame" and "Larami").
- LA RAYA (Vaurie, 1972:20); see La Raya, Abra.
- LA RAYA, ABRA; Cuzco 1429/7105 (USBGN)
4,314 m, pass on divide between Lago Titicaca and Amazonian drainage (MHA); origin of Río Urubamba in marshes and lagoons immediately below pass, Watkins, Apr. 1917 (Chapman, 1919a:327); Vaurie, 1972:20, gives Chapman and Heller as collectors, but Chapman says Watkins collected birds and Heller collected only mammals here, Nov. 1915 (Chapman, 1921b:15); Hughes, 4,320 m, July 1979 (Hughes, 1980:229).
- LA RAYA PASS (Vaurie, 1972:20); see La Raya, Abra.
- LAREDO; La Libertad 0806/7857 (USBGN)
89 m (CNG); ca. 8 km ENE of Trujillo (MHA); Ormea, Oct. 1950 (MHNJP).
- LA ROCA; Amazonas Not located
Bagua Grande [0547/7826 (USBGN)] region, Hocking, Gómez, Sept. 1977 at 6,000 ft [1,839 m] (FMNH).

LA RUYA PASS (Hughes, 1980:229); see La Raya, Abra.

LAS BALLESTAS; Ica 1344/7625 (USBGN)
Guano islands, ca. 22 km W of Pisco (MHA); Coker, May 1907 at 100-300 ft [30-90 m] (Coker, 1920:475); LSU party (LSUMZ as "Ballestas Islands"); correct name "Ballestas, Islas (Plenge, in litt.); Garth, 1937:5; Tovar, Nov. 1963 (Tovar, 1969:530, as "Ballestas"); Graves, Donohue, Oct. 1976 (Graves, 1981:76, as "Islas de Ballestas"); Hancock Expedition, Jan. 1935 (Garth, 1937:3).

LA SIERRA (Vaurie, 1972:20); see Chachapoyas.

LAS LAGUNAS; Cajamarca ca. 0700/7835 (Vuilleumier & Simberloff)
Paramo area, lakes, lagoons, dense grassy vegetation, 4,100 m, Vuilleumier, Nov. 1975 (Vuilleumier and Simberloff, 1980:242).

LAS LOMAS; Piura 0440/8015 (USBGN)
236 m (CNG); ca. 55 km ENE of Sullana (IGM); collector ?, 5 km E (MVZ).

LA SOLANA (Vaurie, 1972:20); see Sullana.

LAS PALMAS; Huánuco ca. 0922/7558 (Lamas)
1,000 m (Lamas, 1976:20); on road between Acomayo and Tingo María just N of Río Cayumba as it joins Río Huallaga, Hocking, Nov. 1965, Clemente (for Hocking), Apr.-May 1966 (FMNH).

LAS PALMERAS; Madre de Dios ca. 1235/7005 (MHA)
259 m, left bank of Río Madre de Dios near mouth of Río de los Amigos (MHA); collector ? (FMNH).

LAS PAMPAS; Lima Not located
Near Callao [1204/7709 (USBGN)], Prentice, Feb. 1951 (MHNJP).

LAS QUINUAS; Amazonas Not located
On trail between Uchumarca [ca. 0706/7750 (MHA)] and Atuén [ca. 0645/7752 (Vaurie)] on W slope, E cordillera, Carriker, 11,000 ft [3,353 m], date ? (Bond, 1947a:127).

LAS SALINAS (MHNJP); see Salinas de Otuma.

LAS SALINAS; Lima 1118/7735 (USBGN)
Sea level, coastal town (MHA); collector ? (FMNH); arid, commonly known as Las Salinas de Huacho (Plenge, in litt.).

LAS SALINAS DE HUACHO (Plenge, in litt.); see Las Salinas; Lima.

LAS VIEJAS; Cajamarca 0708/7917 (USBGN)
ca. 500 m, ca. 20 km NE of Chepén (MHA); Sztolcman (Vaurie, 1972:20), variant Viejos; MHA and Vaurie place this is La Libertad, but coordinates locate it in Cajamarca on IGM and MAPA.

LAS VIEJAS; La Libertad (Vaurie, 1972:20); see Las Viejas, Cajamarca.

- LA TORRE, RÍO; Madre de Dios 1251/6917 (USBGN)
Small river that flows NNE to join Río Tambopata, lowland tropical forest, hilly, pronounced dry season from June-Sept., LSU party (LSUMZ).
- LA TORTUGA; Piura ca. 0516/8108 (MHA)
Coastal town S of Paita (MHA); H.-W. Koepcke, 1961:36.
- LA UNIÓN; Huánuco 0946/7648 (USBGN)
3,204 m (CNG; 2,050 m of IGM is in error); left bank, upper Río Marañón watershed (MHA); Hocking, July, Nov. 1965 at 10,500 ft [3,205 m] (FMNH); LSU party (LSUMZ).
- LA UNIÓN; Puno 1332/6938 (USBGN)
ca. 300 m (MHA); near confluence of Río Huacamayo and Río La Pampa (MAPA); Vaurie, 1972:20.
- LAURAMARCA (Vaurie, 1972:20); see Labramarca.
- LAURICOCHA Not located
Apparently near Tarapoto, San Martín [0630/7625 (USBGN)] (Vaurie, 1972:20); probably = Lanzy Cocha.
- LAUTENAY; Cuzco Not located
Kalinowski site, apparently in Province of Urubama [= Urubamba, Provincia de [1315/7220 (USBGN)] (Vaurie, 1972:20); may = Luatanay [not located]; possibly = Río Huatanay [1337/7143 (USBGN)] (Lamas, in litt.).
- LA VENTANILLA; Lima Not located
Small hacienda near sea, between Lima [1203/7703 (USBGN)] and Ancón [1147/7711 (USBGN)] (H.-W. Koepcke, 1961:37).
- LA VIEJA (Tovar, 1969:527); see Viejas, Islas de las.
- LA VIÑA; Cajamarca ca. 0647/7817 (MHA)
ca. 2,000 m, on Río de las Yangas, left bank affluent of Río Marañón (MHA); collector ? (FMNH).
- LA VIUDA; Lima 1118/7631 (USBGN)
Pass on road from Canta to Cerro de Pasco, Dorst, Jan. 1955 at 3,500 m between Canta and "Col de la Viudad" [= Cordillera de Viudad (Plenge, in litt.)] (Dorst, 1956b:269); rocky puna and meadow with little lakes, de Macedo, Dec. 1947 at 4,600 m (MHNJP); Ortiz de la Puente, Apr. 1952, 4,200-4,480 m (MHNJP); H.-W. Koepcke, 1961:31.
- LECHE, RÍO DE LA; Lambayeque 0629/7949 (USBGN)
N of Río Chancay (MHA); ends in desert near Ferreñafe (H.-W. Koepcke, 1961:31); variant La Leche.
- LECHUGAL (Taczanowski, 1877b:744); see Puesto Lechugal.
- LECHURA (Vaurie, 1972:20); see Puesto Lechugal.

- LEIMEBAMBA;** Amazonas 0641/7747 (USBGN)
2,203 m (CNG); on upper Río Utucubamba (MHA); Carriker, July, Aug. 1932 at 7,000 ft [2,135 m], 9,000 ft [2,745 m] on forested slopes SE of village (Carriker, 1933:21); Baron, July 1894 at 10,000 ft [3,050 m] (Hellmayr, 1919a:3); Osgood and Anderson, May 1912, ca. 6 mi [10 km] W of Leimebamba (FMNH); Bond, 1945:19, as "Leymebamba"; collector ?, 25 km W (O'Neill & Parker, 1976:137, as "Leymebamba"); collector ?, 2,250 m, 18 km W at 3,100 m, and 25 km W of 3,350 m (MVZ).
- LEJILLA;** Piura Not located
Vaurie (1972:20).
- LEÓN DORMIDO;** Lima ca. 1236/7642 (Plenge, in litt.)
Beach near Asia [1247/7630 (USBGN)], LSU party (LSUMZ).
- LEONICIO PRADO (MHNJP);** see Tambo Quemado.
- L'ESPERANZA** (Berlepsch & Sztolcman, 1896:325); see Hacienda la Esperanza.
- LEVANTO;** Amazonas 0616/7749 (USBGN)
2,400 m (CNG); Río Utcubamba valley, ca. 5 km SE of Chachapoyas (MHA); Baron, Nov. 1894 (FMNH); Carriker, at 9,000 ft [2,745 m], July 1932? (Bond, 1945:19); Baron, Nov. 1894 at 9,000 ft [2,745 m] (Hellmayr, 1905:504).
- LEYMEBAMBA** (Bond, 1945:19); see Leimebamba.
- LIBERAL;** Loreto ca. 0533/7438 (IGM)
On Canal de Puinahua (IGM); Hocking, Nov. 1969 (FMNH).
- LIBERTAD;** Loreto ca. 0302/7320 (LSUMZ)
102 m, 80 km N of Iquitos, LSU party, 1.5 km S of Libertad, S bank of Río Napo, July-Aug. 1982 (Schulenberg, in litt.).
- LIBERTAD, CERRO;** Junín Not located
Near Huancayo [1204/7514 (USBGN)], Hocking, Nov. 1964, 11,500 ft [3,510 m] (MHNJP); correct name is Cerrito de la Libertad, small hill in city of Huancayo (Lamas, in litt.).
- LICAMACHAY;** Cuzco Not located
"Cordillera de Licamachay," Kalinowski (Vaurie, 1972:20); S of Cuzco [1331/7159 (USBGN)], J. Kalinowski, May 1894 at 15,000 ft [4,575 m] (Berlepsch & Sztolcman, 1906:103).
- LILLUACocha;** Huánuco Not located
Acomayo [0946/7605 (USBGN)] area, Hocking, Oct. 1973 (FMNH).
- LIMA;** Lima 1203/7703 (USBGN)
154 m (CNG); capital of Peru 12 km inland from mouth of Río Rímac (MHA); many references, including most collectors.

- LIMA, DEPARTAMENTO DE 1200/7650 (USBGN)
W central Peru, bounded on W by Pacific, on S by Ica, on SE by
Huancavelica, on E by Junín and Pasco, on NE by Huánuco, and on N by
Ancash (MAPA).
- LIMABAMBA; Amazonas 0628/7728 (USBGN)
1,560 m (CNG); on Río Huambo tributary ca. 50 km SE of Chachapoyas
(MAPA); Sztolcman (Vaurie, 1972:20).
- LIMACPUNCO; Cuzco Not located
In Marcapata area near Hacienda Cadena [= Cadena [1324/7043 (US-
BGN)], C. Kalinowski, June 1951, July 1953, 2,400 m (FMNH).
- LIMATAMBO; Cuzco 1329/7227 (USBGN)
2,554 m (CNG); on Río Colorado, right bank of Río Apurímac drainage
(MHA); Hocking, May 1970 at 13,000 ft [3,965 m], altiplano above
Limatambo (FMNH).
- LIMBANE (Chubb, 1919b:4); see Limbani.
- LIMBANE, RÍO (Chubb, 1919b:4); see Limbani, Río.
- LIMBANI; Puno 1408/6942 (USBGN)
3,350 m (CNG); ca. 30 km WNW Sandia (IGM); left bank of Río Inambari
drainage (MHA); Ockenden, Feb.-Apr. 1904 (FMNH); Ockenden, Mar.
1904 at 9,500 ft [2,900 m] (Hellmayr, 1906:91); Sanborn, Sept. 1941, Feb.
1942 (FMNH); Carriker, May 1931 at 11,000 ft [3,355 m] (Bond,
1945:19); Simons, July 1900 at 3,300 m (Chubb, 1919b:4, as "Limbane");
misspelled as Limbare (Chubb, 1918a:48); Watkins (Vaurie, 1972:20);
variant Lunbani; collector ?, various sites within 12 mi [19 km] from
8,800 ft [2,684 m] to 15,500 ft [4,728 m] (MVZ).
- LIMBANI, RÍO; Puno Not located
Probably near Limbani [1408/6942 (USBGN)] according to dates of
Simons' itinerary, Simons, July 1900 at 2,000 m at "Río Limbane"
(Chubb, 1919b:4); correct name Limbani, Río (Lamas, in litt.).
- LIMBARE (Chubb, 1918a:48); see Limbani.
- LIMÓN; Cajamarca ca. 0650/7805 (MHA)
ca. 2,000 m, left bank of Río Marañón valley (MHA); Osgood and
Anderson, May 1912, ca. 3,000 ft [915 m] above Río Marañón (FMNH as
"Hacienda Limón"); Bangs and Noble, 1918b:463, as "Hacienda Limon";
high mesa-like valley, ridge to 9,000 ft [2,745 m], Carriker, 6,600 ft
[2,013 m], Aug. 1933? (Bond, 1951:80, as "Hacienda Limon"); LSU party,
1976 (LSUMZ).
- LINIMBARE, RÍO (Chubb, 1919b:283); see Inambari, Río.
- LIRA; Huancavelica 1311/7513 (USBGN)
Mine 12 km N of Castrovirreyna, Morrison, Nov. 1937, 14,625 ft [4,458
m] (Morrison, 1939b:459).

- LIRCAY; Huancavelica 1256/7443 (USBGN)
3,278 m (CNG); Río Mantaro drainage (MHA); Morrison, Nov.-Dec. 1937
at 10,660 ft [3,251 m] (Morrison, 1939b:459); C. Kalinowski, Dec. 1953
(FMNH).
- LITERA, PUNTA; Ancash?, Lima? 1037/7754 (USBGN)
Guano point, Tovar, 1962-1965 (Tovar, 1969:527).
- LLAGUEDA (MHA); see Hacienda Llaugueda.
- LLAGUÉN (M. Koepcke, 1961a:16); see Hacienda Llaguén.
- LLAMA; Cajamarca 0631/7908 (USBGN)
2,095 m (CNG); Pacific drainage (MHA); Ortiz de la Puente, upper
Chancay valley, forest, Apr. 1951 (M. Koepcke, 1961a:12); M. Koepcke,
Mar. 1958 at 2,400 m (M. Koepcke, 1961a:16); LSU party, 12 km W
(LSUMZ); H.-W. Koepcke, 1961:31.
- LLAMAPAMPA; Junín 1108/7548 (USBGN)
ca. 3,500 m, ca. 10 km E of Junín (MHA); collector ? (FMNH).
- LLANCAMAGÓN; Huánuco ca. 0945/7600 (Hocking)
ca. 10,000 ft [3,050 m], ca. 5-6 mi [8-10 km] E and slightly N of
Acomayo, subtropical forest in Cordillera Carpish, Hocking, Dec. 1967,
10,000 ft [3,050 m] (FMNH); also as Llancamogón.
- LLANCAMOGÓN (FMNH); see Llancamagón.
- LLANGANUCO, PORTACHUELO DE (Lamas, in litt.); see Llanganuco,
Quebrada de.
- LLANGANUCO, QUEBRADA DE; Ancash Not located
Above Yungay [0909/7744 (USBGN)], nearby lakes with *Polylepis* groves
(Parker, Parker, & Plenge, 1982:82); M. Koepcke, July-Aug. 1960, ca.
3,600 m (MHNJP as "Callejón de Yanganuco" and "Callejón Llanganuco");
variants Quebrada Yanganuco and Portachuelo de Llanganuco (Lamas &
Plenge, in litt.).
- LLATA; Huánuco 0925/7647 (USBGN)
3,439 m (CNG); left bank of Río Marañón drainage (MHA); collector ?
(FMNH).
- LLUCULLUCU; Apurímac Not located
Road to Antabamba [1419/7255 (USBGN)] from Puquio, Ayacucho [1442/
7408 (USBGN)], Hocking, July 1977 at 13,700 ft [4,176 m] (FMNH).
- LLUÍ (Carriker, 1934a:331); see Lluy.
- LLULLAPICHIS, RÍO (MHNJP); see Yuyapichis, Río.
- LLULLI (Vaurie, 1972:20); see Lluy.

- LLUTOPAMPA; Huánuco ca. 0942/7552 (Hocking)
Near Pillao, Hocking, 6,000 ft [1,830 m], Oct. 1973 (FMNH).
- LLUY; Amazonas 0645/7749 (USBGN)
3,200 m, on Río Utcubamba ca. 10 km SW Leimabamba (MHA); Carriker,
Sept. 1933 at 10,000 ft [3,050 m] (Carriker, 1934a:331, as "Llui"); Vaurie,
1972:20; variants Llulli, Luy.
- LOBERÍA, PUNTA (Coker, 1920:511); see Lobos, Punta.
- LOBITOS; Piura 0426/8117 (USBGN)
28 m (CNG); ca. 10 km N of Talara (MHA); H.-W. Koepcke, 1961:31;
Murphy, 1936:185.
- LOBOS, PUNTA; Lima 1258/7631 (USBGN)
Sea level, ca. 10 km N of Cerro Azul (MHA as "Punta Lobería"); Coker,
Dec. 1906-Aug. 1908 (Coker, 1920:511 as "Punta Lobería").
- LOBOS DE AFUERA, ISLAS; Lambayeque 0657/8042 (USBGN)
Guano islands W of Chiclayo (MHA); Coker, Nov.-Dec. 1907 (Coker,
1920:479); Murphy, 1919 (Murphy, 1920:262); Fagan, Sept. 1922 (Wet-
more, 1923:170); Hancock Expedition, Jan. 1935 (Garth, 1937:6); Tovar,
1969:527.
- LOBOS DE TIERRA, ISLA; Piura 0627/8052 (USBGN)
Guano islands, ca. 15 km off S Piura coast (MHA); Forbes, 1912-1913
(Forbes, 1914:406); Coker, Mar.-Apr., Dec. 1907 (Coker, 1920:473);
Murphy, Jan. 1920 (Murphy, 1922:165); Fagan, July 1922, 35 mi [56 km]
N and Nov. 1922, 5 mi [8 km] off island (Wetmore, 1922:170); Tovar,
Dec. 1963 (Tovar, 1969:529); Fricke, Apr. 1936 (Trimble, 1943:411).
- LOICHOS (Vaurie, 1972:20); see Pauza, Loichos.
- LOMALINDA; Pasco ca. 1020/7509 (Hocking)
Río Palcazú [0954/7458 (USBGN)], Hocking, Feb. 1971 (MHNJP).
- LOMA LINDA; Pasco Not located
E of Puerto Bermúdez [1020/7454 (USBGN)], Andrews Univ. party, 1964
(Thoresen, in litt.); apparently not the Lomalinda of Hocking.
- LOMAS Not located
Site originally called Lamas, but corrected by Taczanowski to Lomas
according to Zimmer (Vaurie, 1972:20); near Cachendo, Arequipa [1659/
7148 (USBGN)] (Zimmer, 1936a:3).
- LOMAS; Arequipa 1534/7450 (USBGN)
18 m (CNG); coastal town (IGM); H.-W. Koepcke, 1961:31.
- LOMA SANTA (Vaurie, 1972:20); see Lomo Santo.
- LOMAS DE HIERRO ACARÍ (FMNH); see Hierro Acarí.

LOMAS DE PUQUIO (FMNH); see Puquio.

LOMAS LACHAY (MHNJP); see Lachay, Lomas de.

LOMAS, PUNTA; Arequipa 1534/7451 (USBGN)
Guano point, Tovar, 1962-1965 (Tovar, 1969:527).

LOMITAS, PUNTA; Ica 1443/7551 (USBGN)
Guano point, Tovar, 1962-1965 (Tovar, 1969:527).

LOMO LARGO (Plenge, in litt.); see Jauja/Tarma road.

LOMO SANTO; Cajamarca Not located
Above Jaen [0542/7847 (USBGN)] in Río Marañón valley, Watkins, May 1924 at 5,000 ft [1,525 m] (Zimmer, 1939a:10); in hills S of Jaen, correct spelling may be Loma Santa, Watkins (Vaurie, 1972:20).

LOPUNA; San Martín Not located
Baer locality, said by Ménégau to be near Río Tocache [0809/7632 (USBGN)]; Vaurie, 1972:20, however, says this = Lopuna ca. 0717/7642 (MHA); but dates indicate a more likely location near town of Tocache Nuevo [0811/7630 (USBGN)]; Baer, Nov. 1900 at 500 m (Ménégau, 1910b:319); Ménégau also lists a "Supuna" in same area, which may be misspelling for Lopuna as Vaurie suggests (Vaurie, 1972:31); correct spelling Lupuna (Lamas, in litt.).

LORES (MHNJP); see Sargento Lores.

LORETO, DEPARTAMENTO DE 0500/7500 (USBGN)
NE Peru, bounded on E by Brazil, on N by Colombia and Ecuador, on S by Ucayali, and on W by San Martín and Amazonas (MAPA); "Loreto" of some early collectors, including Vaurie's "Loreto" of Bartlett and "Lorette" of Castelnau (Vaurie, 1972:21) is now in Colombia (Lamas, in litt.).

LORETTE (Vaurie, 1972:21); in Colombia; see Loreto, Departamento de.

LORIS (MHNJP); see Lores.

LORISCOTA, LAGUNA DE; Puno 1652/7002 (USBGN)
ca. 4,000 m, near Moquegua/Puno border (IGM); Pearson (Plenge, 1982:169).

LOS BAÑOS DEL INCA (MAPA); see Baños del Inca.

LOS CEIBOS; Piura Not located
Near Angolo [0426/8047 (USBGN)] in Cerros Amotape [= La Brea, Cerros de la], M. Koepcke, Apr. 1956, 600-750 m (MNHJP).

LOS ORGANOS; Piura 0410/8108 (USBGN)
3 m (CNG); on Pan American Highway ca. 10 km S of Mancora (IGM); H.-W. Koepcke, 1961:33, as "Organos."

- LOS PALOS; Tacna ca. 1820/7024 (IGM)
Coastal town, ca. 7 km from border of Chile (IGM); M. Koepcke, June 1951 (MHNJP).
- LUATANAY; Cuzco Not located
Dates indicate that Luatanay is near Suriti [= Zurite, 1328/7215 (USBGN)], J. Kalinowski, May 1894 (Berlepsch & Sztolcman, 1906:103); Vaurie, 1972:21; Vaurie also gives Luatanoy and Lautenay as Kalinowski sites which may = Luatanay; may = Río Huatanay [1337/7143 (USBGN)] (Lamas, in litt.).
- LUATANNOY (Vaurie, 1972:21); see Luatanay.
- LUCANAS; Ayacucho 1436/7415 (USBGN)
3,375 m (CNG); Pacific drainage ca. 10 km NW of Puquio (MHA); M. Koepcke, 1968:225.
- LUCMA; Cuzco 1302/7259 (USBGN)
ca. 3,000 m, town on upper Río Vilcabamba (MHA); Vaurie, 1972:21.
- LUCMA-COSIRENI PASS; Cuzco Not located
Probably between Lucma [1302/7259 (USBGN)] and headwaters of Río Cosireni [1250/7305 (MHA)]; puna zone (Vaurie, 1972:21); Brack Egg, 1969:28, as "Paso Lucma"; Zimmer, 1952:20.
- LUCRE; Cuzco 1338/7144 (USBGN)
3,086 m (CNG); Río Vilcanota drainage ca. 25 km ESE of Cuzco (MHA); Garlepp, June 1900 (FMNH); Zimmer, 1937b:12; = Lucre, Laguna de (Lamas, in litt.).
- LUCRE, LAGUNA DE; Cuzco Not located
3,640 m, 20 m [32 km] S of Cuzco [1331/7159 (USBGN)], H.-W. Koepcke and M. Koepcke, Oct. 1963 (Frazier, 1964:554).
- LUISIANA; Ayacucho ca. 1239/7344 (IGM)
ca. 500 m, left bank of Río Apurímac (IGM); little disturbed primary forest and agriculture, Terborgh, 1965-1968 (Terborgh, 1971:24); Weske, 1965-1966, also 6 km E at 890 m (AMNH); Luisiana, "Cuzco," July 1963 (O'Neill, 1969:3); M. Koepcke (MHNJP); Schunke, Apr. 1949 (MHNJP); second growth forest, floodplain, agriculture, Terborgh and Weske, July-Sept. 1965, June, Aug. 1966, 1967, 1968 (Terborgh & Weske, 1969:766, as "Hacienda Luisiana").
- LUISIANA; Cuzco (O'Neill, 1969:3); see Luisiana, Ayacucho.
- LUNAHUANÁ; Lima 1258/7608 (USBGN)
479 m (CNG); Río Cañete valley, ca. 35 km from coast (MHA); H.-W. Koepcke, 1961:31.
- LUNBANI (Vaurie, 1972:20); see Limbani.
- LUPUNA (Vaurie, 1972:20); see Lopuna.

LURÍN; Lima 1217/7652 (USBGN)
9 m (CNG); ca. 35 km SE of Lima (IGM); Tschudi (Berlepsch & Sztolcman, 1892:400); collector ? (MVZ); H.-W. Koepcke, July 1951, 40 km S of Lima at sea level (Sanft, 1973:413); local hunters, June 1963, pasture (Frazier, 1964:554); H.-W. Koepcke, 1961:31; Brabourne, July, Aug. 1913 (Chubb, 1919b:264).

LURÍN, RÍO; Lima 1217/7655 (USBGN)
Rises in W cordillera, flows W and SW to Pacific, ca. 30 km SE of Lima (MHA); M. Koepcke, Oct. 1955 at mouth (M. Koepcke, 1961a:6); Ortiz de la Puente, July 1957, on beach (MHNJP); Castro, Mar., Sept. 1970, on bank (MHNJP); collector ?, 350 m (M. Koepcke, 1958:148).

LUY (Vaurie, 1972:20); see Lluy.

- MABO Not located
Collector ? (Vaurie, 1972:21).
- MACABAMBA; Junín Not located
In vicinity of Tarma [1125/7542 (USBGN)], J. Kalinowski, May 1890, July 1893 (Berlepsch & Sztolcman, 1896:324).
- MACABÍ, ISLA 0748/7931 (USBGN)
ca. 17 km off La Libertad coast at Milagro (MHA); Hellmayr (Vaurie, 1972:21) [Hellmayr did not collect in Peru (Plenge, in litt.)]; Coker, Dec. 1906-Aug. 1908 (Coker, 1920:511); Tovar, Dec. 1963 (Tovar, 1969:528).
- MACACHAYA; Lima ca. 1207/7620 (Hocking)
Valley ca. 5 km W of Huarochirí on road to Lima, brush forest, thorn scrub, Hocking, Apr., Aug. 1974, 9,000-10,000 ft [2,745-3,050 m] (FMNH).
- MACANCHE, QUEBRADA; Piura 0431/8017 (USBGN)
Markl, Nov. 1963, Dec. 1964, from Agua del Macanche [= Quebrada Macanche] to Mallares [0451/8046 (USBGN)] (Sutter, in litt.).
- MÁCATE; Ancash 0846/7805 (USBGN)
2,712 m (CNG); Río Santa drainage (MHA); Anderson, Jan.-Mar. 1914 at 9,000-12,000 ft [2,745-3,660 m] (Cory, 1916:340); Chapman, 1927b:19.
- MACCHU PICCHU (Vaurie, 1972:21); see Machu Picchu.
- MACHU PICCHU; Cuzco 1307/7234 (USBGN)
2,060 m (CNG); in Urubamba valley (MHA); Heller, May-June 1915 at ca. 12,000 ft [3,660 m] in ruins of Cedrobamba and ca. 14,000 ft [4,267 m] (Chapman, 1919a:328, 331); "several variants" (Vaurie, 1972:21, as "Macchu Picchu"); scrubby cloudforest on ridge, lower subtropical forest along river at base of ridge, 2,130 m, LSU party (LSUMZ).
- MACUSANAI (Vaurie, 1972:21); see Macusani.
- MACUSANI; Puno 1405/7026 (USBGN)
4,315 m (CNG); on upper Río Sangabán (MHA); variant Macusanai (Vaurie, 1972:21); collector ? (FMNH as "Macussani").
- MACUSSANI (FMNH); see Macusani.
- MADRE DE DIOS, DEPARTAMENTO DE 1200/7015 (USBGN)
SE Peru, bounded on N by Ucayali, on W by Cuzco, on S by Puno, and on E by Brazil and Bolivia (MAPA).
- MADRE DE DIOS, RÍO 1058/6609 (USBGN)
Starts at Manu [1215/7050 (USBGN)] from confluence of Río Manu and Río Alto Madre de Dios, flows E and N into Río Beni (MHA).
- MAGDALENA (MHA); see Pueblo Libre.
- MADGALENA; Lambayeque 0626/7938 (USBGN)
ca. 150 m, on Río de la Leche (MHA); H.-W. Koepcke, 1961:31.

- MAGDALENA VIEJA (Berlepsch & Sztolcman, 1892:395); see Pueblo Libre.
- MAGRAPUNTA; Huánuco ca. 0945/7601 (Hocking)
NE of Acomayo [0946/7605 (USBGN)], Hocking, Nov. 1974 (FMNH).
- MAINAPAI (FMNH); see Maynapall.
- MAIRO (Vaurie, 1972:21); see Puerto Mairo.
- MAIRO, RÍO; Pasco 0952/7518 (USBGN)
Tributary to Río Palcazu in Río Ucayali drainage (MHA); Heller, Feb. 1923 (FMNH as "Río Mayro").
- MALA; Lima 1239/7638 (USBGN)
30 m (CNG); about 80 km S of Lima (MHA); Ridoutt, at Laguna de Mala (Vaurie, 1972:19); ca. 20 m, in broad agricultural valley, mainly cotton and fruit, LSU party (LSUMZ); Castro, Jan. 1949 (MHNJP); H.-W. Koepcke, 1961:31.
- MALA ALMA, QUEBRADA; Junín ca. 1114/7531 (Lamas, in litt.)
Above Huacapistana, Carriker and Newbold, Dec. 1929 at 9,000-10,000 ft [2,745-3,050 m], above timberline (ANSP as "Malalina, Quebrada").
- MALABRIGO or PUERTO CHICAMA(MHA); see Puerto Chicama.
- MALABRIGO, PUNTA DEL; La Libertad 0743/7928 (USBGN)
Point near Puerto Chicama (IGM); Tovar, 1962-1965 (Tovar, 1969:527).
- MÁLAGA, ABRA; Cuzco ca. 1308/7219 (LSUMZ)
4,025 m, high pass over ridge separating drainage of Río Urubamba and Río Santa María, W slope covered with scrubby cloud forest, E slope good temperate forest, puna grass above ca. 3,300 m, LSU party (LSUMZ); LSU party, 24 km E (O'Neill & Parker, 1976:140).
- MALALINA, QUEBRADA (ANSP); see Mala Alma, Quebrada.
- MALCA; Cajamarca ca. 0735/7809 (Vaurie)
On road from Cajabamba to San Marcos, Baron (Vaurie, 1972:21); Baron, Apr. 1894 at 8,000 ft [2,440 m] (Zimmer, 1953a:21); Salvin, 1895:2, as "Malea"; variant Hacienda Malca.
- MALEA (Salvin, 1895:2); see Malca.
- MALLARES; Piura 0451/8046 (USBGN)
Small town just W of Sullana, arid scrub, LSU party (LSUMZ); N of Sullana (H.-W. Koepcke, 1961:31); M. Koepcke, Apr. 1956, at "Hacienda Mallares, Angolo, near Sullana" (FMNH); Dreyfus, Mar. 1941 (MHNJP as "Hacienda Mallares"); Markl, Nov. 1963, Dec. 1964, from Agua del Macanche [= Quebrada Macanche, 0431/8017 (USBGN)] to Mallares, and June 1964 from Mallares to Espino [= Cerro Espino, 0433/8055 (USBGN)], 850 m (Sutter, in litt.); present town of Angolo was part of Hacienda Mallares (Lamas, in litt.).

- MALLETA; Cajamarca ca. 0605/7831 (Vaurie)
 "Río de Malleta," Sztolcman (Vaurie, 1972:21).
- MALPASO, PLAYA; Lima ca. 1128/7721 (Lamas, in litt.)
 Near Lomas de Lachay [1121/7723 (USBGN)], M. Koepcke, Feb. 1962 (MHNJP).
- MALPELO (MHNJP); see Malpelo, Punta.
- MAL PELO, PUNTA (H.-W. Koepcke, 1961:32); see Malpelo, Punta.
- MALPELO, PUNTA; Tumbes 0330/8030 (USBGN)
 Sea level point ca. 10 km NW of Tumbes (MHA); M. Koepcke, Oct. 1950 (MHNJP as "Malpelo"); H.-W. Koepcke, 1961:32, as "Mal Pelo, Punta."
- MAMABAMBA; Cuzco Not located
 "Mamabamba, Marcapata" [probably = Río Marcapata [1313/7024 (USBGN)], near Hacienda Cadena [= Cadena, 1324/7043 (USBGN)], C. Kalinowski, Nov. 1948 at 1,000-1,800 m (FMNH).
- MAMACCOCHA; Ayacucho Not located
 On trail from Río Apurímac at Luisiana [ca. 1239/7344 (IGM)] to Tambo [1256/7401 (USBGN)], Weske & Terborgh (LSUMZ).
- MAMACONA, PLAYA; Lima ca. 1216/7656 (Plenge, in litt.)
 Beach just S of Playa Conchán on southern outskirts of Lima, arid littoral, LSU party, May 1968 (O'Neill, 1969:3); Graves, O'Neill, and Plenge (Graves, 1981:76).
- MAMUJARA; Tacna ca. 1718/6948 (Plenge)
 Brack E., S of Tacna/Ilave road near Challapalca, in Tacna (Plenge, 1982:170).
- MANA; Junín Not located
 At source of Río Aynamayo [= Río Vítoc, 1110/7515 (USBGN), according to Zimmer], Tschudi, "puna de Mana" (Vaurie, 1972:21); source of Río Vítoc is ca. 1122/7526 (MHA); see, also, Manarimacunan.
- MANANTAY; Loreto, now Ucayali Not located
 4 km W of Pucallpa [0823/7432 (USBGN)], Ortiz de la Puente, Mar. 1949 (MHNJP).
- MANARIMACUNAN; Junín Not located
 "Puna de Manarimacunan," near source of Río Aynamayo, Tschudi (Taczanowski, 1886:488); Río Aynamayo = Río Vítoc [1110/7515 (USBGN)], source is ca. 1122/7526 (MHA); see, also, Mana.
- MÁNCORA; Piura 0406/8101 (USBGN)
 7 m (CNG); on coast ca. 60 km N of Talara (MHA as "Puerto Máncora"); Jelski (Vaurie, 1972:21); Vaurie gives department as Tumbes but MAPA and IGM show Máncora in Piura; variant "Caleta Máncora" (Vaurie, 1972:8); Ortiz de la Puente, May 1951 (MHNJP); H.-W. Koepcke, 1961:32.

- MANIRE;** Cuzco 1320/7046 (USBGN)
ca. 4 km downstream from Cadena (IGM); C. Kalinowski, Nov.-Dec. 1948
at 800-1,000 m (FMNH as "Hacienda Maniri").
- MANITÍ, RÍO;** Loreto 0327/7251 (USBGN)
ca. 150 m, right bank affluent of Río Amazonas entering ca. 60 km
below Iquitos (MHA); C. Kalinowski, Jan. 1957 (FMNH).
- MANO DE LEON;** Lambayeque 0552/7944 (USBGN)
ca. 200 m (MHA); Robbins, 16 km N of Olmos, 4 km S of Mano de Leon,
200 m, July 1979 (FMNH).
- MANSERICHE** (Vaurie, 1972:21); see Manseriche, Pongo de.
- MANSERICHE, PONGO DE;** Amazonas 0428/7737 (USBGN)
ca. 170 m, Río Marañón makes last cut through cordilleras here, just
after its confluence with Río Santiago (MHA); Steere (Vaurie, 1972:21),
variant Manseriche; collector ?, 200 m (MVZ).
- MANTARO, RÍO** ca. 1217/7355 (IGM)
Rises at outlet of Lago de Junín at Upomayo, flows SE almost to Huanta
where it turns sharply NW, then ENE to join Río Apurímac (MAPA); Beck
(Vaurie, 1972:21); coordinates in USBGN, 1148/7403, are in error.
- MANTOS** Not located
Zimmer believed this locality to be near Maraynioc, Junín [1122/7524
(USBGN)] or Paltaypampa [ca. 1120/7517 (Vaurie, 1972:21)]; Jelski
(Vaurie, 1972:21).
- MANU;** Madre de Dios 1215/7050 (USBGN)
365 m (IGM), near confluence of Río Manu and Río Alto Madre de Dios
(MHA); Blake, Oct. 1958 (FMNH); C. Kalinowski, at mouth of Río
Pinquina [1213/7055 (USBGN)], Oct. 1960 at 400 m (MHNJP); see, also,
Altamira, Costa Cashu Biological Station, and Manu, Parque Nacional
del.
- MANU, PARQUE NACIONAL DEL;** Madre de Dios/Cuzco ca. 1200/7130
Large area in SE Peru including drainage of upper Ríos Manu, Tono and
Piñipiñi; see Cocha Cashu Biological Station.
- MANU, RÍO;** Madre de Dios 1216/7051 (USBGN)
Rises in E Andes ca. 1210/7220, flows SE to Río Madre de Dios (IGM);
Fitzpatrick, right bank ca. 40 km from mouth, ca. 400 m, Aug., Sept.
1979 (FMNH).
- MANZANALLO;** Huancavelica ca. 1321/7528 (H.-W. Koepcke)
Near Ticrapo in Río Pisco valley, M. Koepcke, Nov. 1957 at 2,900 m (M.
Koepcke, 1961a:12); H.-W. Koepcke, 1961:32; Plenge, 1979:4, as "Maza-
nallo."
- MAPITONOARE, RÍO** (MHA); see Mapitunuari, Río.
- MAPITUNUARI, RÍO;** Cuzco ca. 1241/7342 (IGM)
Tributary to right bank of Río Apurímac (MHA as "Río Mapitonoare");

mouth ca. 6 km upriver from Luisiana (IGM); Weske, 1967, at 2,150-2,640 m (AMNH).

MAQUEDA (Vaurie, 1972:21); see Aranqueda.

MAQUI-MAQUI; Ancash Not located
Stream near Yánac [0837/7752 (USBGN)] (H.-W. Koepcke, 1961:32).

MARAINICO (USBGN); see Maraynioc.

MARAINIOC (MAPA); see Maraynioc.

MARAINIYOC (Vaurie, 1972:21); see Maraynioc.

MARAMORA (Vaurie, 1972:21); see Maranura.

MARAMOYA (Sclater & Salvin, 1876:16); see Maranura.

MARAÑÓN, RÍO 0430/7327 (USBGN)
Major river rising in Huánuco, flowing N then E through Amazonas, receiving many rivers to form Río Amazonas (MAPA); many entries not narrowed to definite localities; Schunke, near Puerto Meléndez [0427/7731 (USBGN)] (Vaurie, 1972:21); Sztolcman, in "Valle du Marañón" at 1,500 ft [460 m] (Plenge, in litt.); Jelski, valley of Marañón (Plenge, in litt.); collector ?, 1 km W of Balsas [0650/7801 (USBGN)], 850 m, also 4 km E of Aricapampa [0748/7743 (USBGN)] (MVZ).

MARANURA; Cuzco ca. 1255/7240 (Vaurie)
1120 m (CNG); on Río Urubamba, ca. 12 km upriver from Quillabamba (MAPA); hacienda in Santa Ana valley, between Chaullay bridge and Santa Ana, Whitely, 1868 at 4,000 ft [1,220 m] (Sclater & Salvin, 1876:16); Vaurie, 1972:21, variants Maramora, Maronura.

MARAYNIOC; Junín 1122/7524 (USBGN)
ca. 30 km E of Tarma (MAPA as "Marainioc"); hacienda in narrow valley [= Vítoc valley], altitudes ranging from ca. 2,000-17,000 ft [610-5,185 m], Griswold, on Río Anamayo [= upper Río Vítoc], Mar.-June 1939 mostly 10,000 ft [3,050 m] and 13,000 ft [3,965 m] (Peters and Griswold, 1943:283); near source of Río Aynamayo [= Río Vítoc], Jelski, June-Sept. 1871, Feb.-Mar. 1872 (Taczanowski, 1874a:136); general location for several J. Kalinowski sites (Puyas-Yacu, Culumachay, Huarmipaycha, Sarna Paycha, and Tambo de Aza); J. Kalinowski, July, Oct.-Dec. 1891, June-Sept. 1892, Jan., Mar., June 1893 at 7,000 ft [2,135 m] and at 11,000-12,000 ft [3,355-3,660 m] in highest part of forest (Berlepsch & Sztolcman, 1896:325); Watkins, 10,850 ft [3,307 m] (Plenge, in litt.); Hellmayr, 1921a:223; variants Marainiyoc and Marainioc; misspelled Marainico in USBGN.

MARCA; Ancash 1005/7730 (USBGN)
2,644 m (CNG); on Pacific slope of Cordillera Negra (MHA); Simons, Dec. 1899 at 3,000 m and N of Marca at 4,100 m (Chubb, 1919b:4); Jelski (Vaurie, 1972:21).

- MARCAPATA;** Cuzco 1330/7055 (USBGN)
3,150 m (CNG); on Río Marcapata, affluent of Río Inambari (MHA); Ockenden, 1905 at 10,800 ft [3,294 m] (Zimmer, 1935b:5); C. Kalinowski, Aug. 1953 (FMNH); LSU party, 2,740 m (LSUMZ); M. Koepcke, 1958:149; Garlepp, Aug. 1899, 2,000 m (Hellmayr, 1912:163); Garlepp, Berlepsch (Vaurie, 1972:21); Berlepsch did not collect in Peru (Plenge, in litt.); see, also, Marcapata, Río.
- MARCAPATA, RÍO;** Cuzco 1313/7024 (USBGN)
Flows N and E to left bank of Río Inambari (MHA); J. Kalinowski collected in this valley, see Escopal, Iscaybamba, Chili-Chili, Sañaca, San Pedro, Chontapunco, Río Cadena, J. Kalinowski, 1897, 1898, 1902, and 1905 (Berlepsch & Sztolcman, 1906:105); Ockenden, 1905 (Zimmer, 1951b:32); Vaurie notes several references to Marcapata valley without specific localities, Garlepp, Berlepsch (Vaurie, 1972:21); Berlepsch did not collect in Peru (Plenge, in litt.).
- MARCAPOMACOCOA;** Junín 1126/7621 (USBGN)
4,415 m (CNG); town on Lago Marcapomacocha in Río Mantaro watershed (MHA as "Marcopomacocha"); puna grasslands, ca. 4,350 m, LSU party (LSUMZ).
- MARCAVALLE;** Junín ca. 1214/7507 (MHA)
ca. 3,500 m, ca. 22 km SE of Huancayo, Río Mantaro drainage (MHA); Tovar, Apr. 1964 at 2,800 m (MHNJP).
- MARCONA;** Ica 1503/7501 (USBGN)
Near Nazca, Ortiz de la Puente at Km 543 of Panamerican Highway, Jan. 1952 (M. Koepcke, 1965:154).
- MARCOPOMACOCOA** (MHA); see Marcapomacocha.
- MARONURA** (Vaurie, 1972:21); see Maranura.
- MARRONCUNCA** (IGM); see Maruncunca.
- MARROPÓN** (Chubb, 1919b:3); see Morropón.
- MARROPOU** (Chubb, 1919b:280); see Morropón.
- MARUNCUNCA;** Puno ca. 1414/6917 (Schulenberg)
LSU camp on W side of crest of ridge separating Huari Huari and Tambopata drainages, near San Juan del Oro highway, tall, humid evergreen forest S of road near ridge summit, LSU party, Nov.-Dec. 1980, ca. 2,000 m (LSUMZ); IGM shows Marroncunca at ca. 1408/6919, which are inaccurate coordinates for LSUMZ Maruncunca (Schulenberg, in litt.).
- MASAYACU;** Junín Not located
ca. 2,000 ft [610 m] farm between Río Aynamayo [= Río Vítoc, 1110/7515 (USBGN)] and Río Chanchamayo [ca. 1055/7518] near Río Tulumayo [1110/7516 (USBGN)], Jelski (Taczanowski, 1884a:70, as "Mashayacu"); Vaurie, 1972:22, variant Mazayacu.

MASCARRÓN; Huánuco ca. 0954/7604 (FMNH)
Near Panao forest at headwaters of Río San Marcos, Hocking, Aug. 1975
(FMNH, also as Bosque Mascarrón).

MASHAYACU (Taczanowski, 1884a:70); see Masayacu.

MASHUA; La Libertad ca. 0812/7714 (LSUMZ)
At timberline E of crest of E Andes, E of Tayabamba, on Tayabamba/
Ongón trail, wet temperate forest, LSU party, 1979, 3,350 m (LSUMZ);
Schulenberg and Graham, 1981:242.

MASISEA; Loreto, now Ucayali 0836/7419 (USBGN)
225 m (CNG); on right bank of Río Ucayali (MHA); Zimmer, Mar. 1923
(FMNH).

MATACABALLO; Piura 0539/8052 (USBGN)
On Sechura, Bahía de (MHA); H.-W. Koepcke, 1961:32.

MATAGALO (MHA); see Matapalo.

MATAPALO; Tumbes 0341/8012 (USBGN)
54 m (CNG); on Río Zurumillo [= Río Zarumilla] (MHA as "Matagalo");
C. Kalinowski, July 1954 at 80 m (FMNH); M. Koepcke, Apr. 1956 at 60
m (M. Koepcke, 1961a:18); collector ?, tropical forest (MHNJP); H.-W.
Koepcke, 1961:32.

MATARÁ; Apurímac 1345/7254 (USBGN)
ca. 2,000 m, on Río Matará, ca. 10 km S of Abancay (MHA); Sanborn,
Dec. 1941 at 6,200 ft [1,890 m] (FMNH).

MATARÁ; Ayacucho 1319/7359 (USBGN)
Church (Vaurie, 1972:22); stated to be in Apurímac by Zimmer (1951b: 9),
but his coordinates as given by Vaurie are in Ayacucho.

MATARÁ, RÍO; Apurímac 1344/7255 (USBGN)
Tributary to right bank of Río Pachachaca (MAPA); Sanborn, Dec. 1941
at 6,200 ft [1,890 m], 7,000 ft [2,135 m] (FMNH); see, also, Matará,
Apurímac.

MATARANI; Arequipa 1700/7206 (USBGN)
Coastal town near Islay (IGM); LSU party (LSUMZ); von Wedemeyer, Feb.
1966, 800 m, cactus, near Matarani (MHNJP); H.-W. Koepcke, 1961:32.

MATICHACHA; Junín ca. 1115/7532 (LSUMZ)
Small pueblo and restaurant, ca. 10 km NNE Palca on Tarma/San Ramón
road, bushy slopes with scattered clumps of larger trees in protected
areas, LSU party (LSUMZ).

MATUCANA; Lima 1151/7624 (USBGN)
2,378 m (CNG); upper Rímac valley (MHA); Nation at 8,000 ft [2,440 m]
(Sclater, 1886:258); Brabourne (Brabourne & Chubb, 1914:20); Griswold,
8,000 ft [2,440 m], Feb. 1939 (Peters & Griswold, 1943:300); Zimmer,
Apr.-May 1922 at 7,700 ft [2,350 m] (Zimmer, 1930:235); Griswold

(Vaurie, 1972:22); M. Koepcke, Feb. 1954 near Matucana at 2,400-2,500 m (M. Koepcke, 1958:139); Chapman, 1927b:19; Ortiz de la Puente, Mar. 1951 (MHNJP); Ramírez, Feb. 1954 (MHNJP).

MATUHUASI; Junín ca. 1152/7521 (LSUMZ)
3,290 m, small town on central railroad, ca. 5 km NNW of Concepción, puna grassland, LSU party (LSUMZ); LSU party, Aug. 1968, lomas near road to Matuhuasi (MHNJP).

MAYABARUBA Not located
Zimmer believed this = either Moyobamba, "Cuzco" [not located] or Moyobamba, San Martín [0603/7658 (USBGN)], Delattre (Vaurie, 1972:22); = Moyobamba, San Martín (Lamas, in litt.).

MAYNAPALL; La Libertad ca. 0756/7836 (Lamas, in litt.)
Near Huamachuco [0748/7804 (USBGN)] according to Zimmer (Vaurie, 1972:22) but near Otuzco [0754/7835 (USBGN)] according to Hellmayr (1938:402); Zimmer, 1951b:52; Baer, Mar. 1902, Baer's collector, Apr. 1902 (FMNH as "Mainapai").

MAYNAS Not located
In angle W of Río Huallaga at its confluence with Río Marañón, near Lagunas, Loreto [0514/7538 (USBGN)], Pöppig (Vaurie, 1972:22), variant Moynas; Zimmer, 1935a:22; Pöppig, Province Maynas (Taczanowski, 1884a:337).

MAYOBAMBA (Vaurie, 1972:22); see Moyobamba, San Martín.

MAYOC; Huancavelica 1241/7424 (USBGN)
ca. 1,500 m, on Río Mantaro (MHA); C. Kalinowski, Dec. 1953 (FMNH).

MAYOPAMPA, PAMPA DE; Puno Not located
W of Nudo de Apolobamba [ca. 1440/6920 (MHA), Dorst, 4,500-4,800 m, Jan. 1955 and Dec. 1960 (Dorst, 1962b:428; 1956a:441 as "Muñani, Pampa de").

MAYRO (Vaurie, 1972:22); see Mayro, Montaña de.

MAYRO, MONTAÑA DE; Pasco ca. 1000/7520 (Lamas)
General region, "Huánuco" (Lamas, 1976:24); Raimondi, Ridoutt (Vaurie, 1972:22); see, also, Puerto Mairo.

MAYRO, RÍO (FMNH); see Mairo, Río.

MAZA CRUZ (Vaurie, 1972:22); see Mazo Cruz.

MAZÁN, RÍO; Loreto 0328/7311 (USBGN)
Rises at ca. 0242/7427, flows SE to right bank of Río Napo (MAPA); Vaurie, 1972:22; near Iquitos, AMNH specimen (Haffer, 1974:340); Zimmer, 1939a:15.

MAZANALLO (Plenge, 1979:4); see Manzanallo.

MAZAYACU (Vaurie, 1972:22); see Masayacu.

MAZO CRUZ; Puno 1645/6944 (USBGN)
Left bank of Río Huenque, Lago Titicaca drainage (IGM); M. and. H.-W. Koepcke, Mar. 1953, between Ilave [1605/6940 (USBGN)] and Mazo Cruz at 4,120 m (Sanft, 1973:422); M. Koepcke, between Ilave and Tacna [1801/7015 (USBGN)] at 4,620 m (Sanft, 1970:348); Vaurie gives a Mazo Cruz at ca. 1638/6925 (Vaurie, 1972:22, also as "Maza Cruz").

MAZORCA, ISLA; Lima 1125/7744 (USBGN)
ca. 13 km off Lima coast (MHA); Murphy (Vaurie, 1972:22); Beck, June 1913 (Murphy, 1936:10); Duffy, Sept. 1977-Mar. 1978 (Duffy, 1982:87); Tovar, 1962-1965 (Tovar, 1969:527).

MEDIO MUNDO; Lima ca. 1054/7740 (IGM)
ca. 10 km N of Végueta (IGM); A. Tovar, Apr. 1970 at Laguna Medio Mundo (Plenge, 1974:327).

MEDIO MUNDO, LAGUNA (Plenge, 1974:327); see Medio Mundo.

MEJÍA; Arequipa 1706/7155 (USBGN)
23 m (CNG); ca. 10 km SE of Mollendo (MHA); Harris and Hughes, Oct. 1970 at lagoons near Mejía (Johnson, 1972:29); M. Koepcke (M. Koepcke, 1961a:4); von Wedemeyer, Mar. 1965 near Mejía (Tovar & Ashmole, 1970:121); various observations (Hughes, 1976:118); LSU party (LSUMZ); Ortiz de la Puente, 1948 near Mejía (MHNJP); von Wedemeyer, 10 km S of Mejía on coast, Aug. 1964 (MHNJP); M. Koepcke, lomas of Mejía, Jan. 1956, 350-500 m (M. Koepcke, 1958:179); H. W. Koepcke, 1961:32.

MEJORADA; Ayacucho Not located
Near Luisiana, Río Apurímac [ca. 1239/7344 (IGM)], M. Koepcke, July 1963, near Mejorada at 100 m (?) (MHNJP).

MELOHAGO (Zimmer, 1942d:9); see Menloago.

MELOLIAGO (Vaurie, 1972:22); see Menloago.

MEMBRILLAR; La Libertad ca. 0743/7847 (MHA)
ca. 2,000 m, on Río Quirrípano, a Río Chicama tributary, ca. 44 km NE of Chicama (MHA); Prentice (Vaurie, 1972:22); small hacienda below Hacienda Llaguén (H.-W. Koepcke, 1961:32).

MENDOZA; Amazonas 0620/7724 (USBGN)
1,500 m (Lamas, 1976:20); upper Río Huambo (IGM); formerly San Nicolás (USBGN); Sztolcman (Vaurie, 1972:29, as "San Nicolás"); see, also, San Nicolás, Río; officially, Rodríguez de Mendoza (Lamas, in litt.).

MENLOAGO; Cajamarca ca. 0549/7842 (Vaurie)
Watkins (Vaurie, 1972:22), variant Meloliago; Zimmer, 1942d:9, as "Melohago."

MENNCUCHO (Vaurie, 1972:22); see Menocucho.

MENNUCUCHO (Vaurie, 1972:22); see Menocucho.

MENOCHUCHO (Vaurie, 1972:22); see Menocucho.

MENOCUCHO; La Libertad ca. 0801/7850 (USBGN)
ca. 500 m, on Río Moche, ca. 25 km above Trujillo (MHA as "Menocucho Hda."); Osgood and Anderson, Feb.-Mar. 1912 at 900 ft [275 m], also 10 mi [16 km] NW (FMNH); variants Menncucho, Mennucucho, Menochucho, Menochucho, and Menucucho (Vaurie, 1972:22); Zimmer, 1939b:6, as "Minocucho."

MENOCUCHO HACIENDA (MHA); see Menocucho.

MENUCUCHO (Vaurie, 1972:22); see Menocucho.

METRARA (Vaurie, 1972:22); see Metraró.

METRARO; Junín ca. 1053/7510 (Vaurie)
"Below La Merced [1103/7519 (USBGN)], Simons (Vaurie, 1972:22), variant Metrará; Simons, Apr. 1900, 700 m (Chubb, 1919b:30, as "Metrara"); possibly = Meticaró [1051/7507 (USBGN)].

MEYRO (Lamas, 1976:21); see Puerto Mairo.

MIAJACHI; Puno Not located
Near Huancané [1512/6946 (USBGN)], Lago Titicaca, Weyrauch, Vellard, Ortiz de la Puente, Feb. 1948 (MHNJP).

MICHO; Huánuco ca. 0943/7600 (FMNH)
Subtropical forest area, 5-10 km NE of Acomayo, Hocking, Mar. 1972 (FMNH).

MIGUEL, PARDO DE; San Martín ca. 0546/7741 (IGM)
1,930 m, pass on Amazonas/San Martín border ca. 50 km NNE of Chachapoyas, on road to Rioja (IGM); O'Neill, Aug. 1976, ca. 10 km NE, on road to Rioja in Río Mayo drainage, E slope, ca. 1890 m (O'Neill and Graves, 1977:409, as "Abra Patricia"); collector ?, 2 km E, altitude ? (MVZ as "Abra Patricia").

MILAGRO (LSUMZ); see El Milagro.

MILAGROS ca. 0407/8007 (USBGN)
= Milagros, Ecuador (Chapman, 1926a:14, as "Milagros, Peru"); see Ornithological Gazetteer of Ecuador.

MILLOC; Lima ca. 1135/7622 (LSUMZ)
ca. 4,200 m, mining village on headwaters of Río Santa Eulalia, ca. 10 km WNW of Casapalca, puna grassland, LSU party (LSUMZ).

MILLPUC (Vaurie, 1972:22); see Milpuc.

MILLPUC, RÍO DE (Vaurie, 1972:22); see Milpuc.

MILLUACHAQUI; La Libertad Not located
Near Huaylillas [0811/7720 (USBGN)] according to Zimmer (Vaurie,

1972:22); small mining village in district of Salpo (Dicc. Geogr.); Baer's collector, July 1902 (FMNH); Zimmer, 1924a:63.

MILPAC (Vaurie, 1972:22); see Milpuc.

MILPUC; Amazonas 0628/7723 (USBGN)
ca. 1,500 m, ca. 20 km SSE of Mendoza, Río Huambo drainage (MHA as "Milpac"); Sztolcman (Vaurie, 1972:22, as "Milpac"), variants Millpuc and Río de Millpuc.

MINABAMBA (Vaurie, 1972:22); see Ninabamba, Junín.

MINABAMBA (USBGN); see Ninabamba, Cajamarca.

MINACACA; Pasco Not located
13,500 ft [4,118 m], collector ? (MVZ).

MINA INCA (Brack Egg, 1969:18); see Santo Domingo.

MINAS, PAMPA DE; Cajamarca ca. 0650/7902 (H.-W. Koepcke)
2,900-3,000 m, high part of Hacienda Taulís [= Taulís] (H.-W. Koepcke, 1961:33).

MINCHANA (IGM); see Mishana.

MINOCUCHO (Zimmer, 1939b:6); see Menocucho.

MIRADOR (FMNH); see Mirador Estación.

MIRADOR; Cajamarca 0709/7912 (USBGN)
ca. 500 m (MHA); ca. 1,000 m on road from Chepén to Hacienda Lives, near Río San Gregorio (H.-W. Koepcke, 1961:32).

MIRADOR ESTACIÓN; Ancash 0840/7808 (USBGN)
ca. 1,000 m, railroad station on Río Santa (MHA); Anderson, Jan. 1914 at 3,000 ft [915 m] (FMNH as "Mirador").

MIRADOR PASS; Pasco ca. 0958/7527 (FMNH)
Pass on road from Pozuzo to Puerto Mairo, Heller, Feb. 1923 (FMNH).

MIRAFLORES; Lima 1207/7702 (USBGN)
79 m (CNG); section of Lima; M. Koepcke, Apr. 1965 (MHNJP).

MIRAMAR; Piura 0453/8107 (USBGN)
Coastal town, Hays de Brown, Feb. 1979 (Schulenberg and Parker, 1981:214).

MISHANA; Loreto ca. 0353/7327 (IGM)
Right bank of Río Nanay, ca. 28 km above Iquitos (IGM as "Minchana"); Dixon and Nickerson, Oct., Nov. 1974 in primary forest (MPM).

MISHOLLO, RÍO; San Martín 0801/7639 (USBGN)
Rises in La Libertad, flows SE then NE to join Río Huallaga on left bank,

near Puerto Pizana (MHA as "Río Mixiollo"); Baer, at Nuevo Loreto [ca. 0815/7652 (Vaurie)] (Ménégaux, 1910b:319, as "Río Mixiollo"); see, also, Cueva Seca, Piquitambo and Piña.

MISIÓN ALTO AMAZONAS (Lamas, in litt.); see Alto Amazonas, Provincia de.

MISIÓN ALTO MARAÑÓN (Lamas, in litt.); see Alto Amazonas, Provincia de.

MISIÓN DE SARAYACU (Vaurie, 1972:30); see Sarayacu.

MISIÓN PUNTA; Huánuco Not located
LSU party (LSUMZ).

MISSION ALTO (Sclater & Salvin, 1873b:253); see Alto Amazonas, Provincia de.

MISSION DE SARAYACU (Des Murs, 1855:9); see Sarayacu.

MISQUIYACU (Dorst, 1957b:237); see Hacienda Misquiyacu.

MISTI, VOLCÁN; Arequipa 1618/7124 (USBGN)
5,842 m, volcano NE of Arequipa (MHA as "Volcán de Misti"); "Volcán" or "Volcán Arequisti," Warszewicz (Vaurie, 1972:7); also probably = Volcán Arequipa.

MIXIOLLO, RÍO (Ménégaux, 1910b:319); see Mishollo, Río.

MOCHE, RÍO; La Libertad 0810/7903 (USBGN)
Rises in W cordillera and joins Pacific a few km S of Trujillo (MHA); Ortiz de la Puente near Samne [0759/7841 (USBGN)], Apr. 1951 at 1,000 m (MHNJP).

MOCHUMÍ; Lambayeque 0633/7952 (USBGN)
36 m (CNG); ca. 17 km NNE of Lambayeque (IGM); Schulenberg, Ridgely, June, Nov. 1978 (Schulenberg and Parker, 1981:210).

MOCUPE; Lambayeque 0700/7938 (USBGN)
33 m (CNG); where Río Zaña crosses Panamerican Highway (IGM); LSU party, 8 km W, Oct. 1978 (Schulenberg & Parker, 1981:213).

MOHO; Puno 1521/6930 (USBGN)
3,882 m (CNG); NE shore of Lago Titicaca (MHA); Garman, Jan.-Mar. 1875 (Allen & Garman, 1875:353); H.-W. and M. Koepcke, Mar. 1953, between Conima [1526/6926 (USBGN)] and Moho at 3,900 m (Sanft, 1973:415); Ortiz de la Puente, Vellard, Weyrauch, Mar. 1948 at 3,960 m (MHNJP); M. Koepcke, 1958:141; Agassiz (Vaurie, 1972:22); Agassiz not in Peru, contra Vaurie (Plenge, in litt.).

MOLINO; La Libertad ca. 0745/7746 (LSUMZ)
Village ca. 10 km NW of Aricapampa on road from Trujillo [0807/7902 (USBGN)] to Río Marañón, temperate, shrub zone, LSU party, 1979, 3,000 m (LSUMZ).

- MOLINOPAMPA;** Amazonas 0611/7737 (USBGN)
2,407 m (CNG); ca. 25 km E of Chachapoyas on Río Ventilla, Río Utcubamba drainage (MHA); Osgood and Anderson, 10 mi [16 km] E, June 1912 (Cory, 1915b:307; FMNH); cloud forests, Villar, Aug. or Sept. 1975 (FMNH).
- MOLLAPATA PARAMO** (Chubb, 1919b:3); see Mollepata.
- MOLLE** Not located
Saunders (Vaurie, 1972:22).
- MOLLENDO;** Arequipa 1702/7201 (USBGN)
26 m (CNG); Sanborn, July 1924, ca. 40 mi [64 km] N and ca. 5 mi [8 km] offshore (FMNH); MacFarlane, 1883, at large marsh, ca. 13 mi [21 km] inland by rail (MacFarlane, 1887:203); Coker, Dec. 1906-Aug. 1908 (Coker, 1920:511); LSU party (LSUMZ); Hughes, Oct. 1953-Sept. 1969 (Hughes, 1970:229); H.-W. Koepcke, 1961:32; various observations (Hughes, 1976:118); a locality, "Homi," appears in Hellmayr & Conover, Birds of the Americas, 1948:69, and also in Brack Egg, 1970:150. This is a miss-reading of "40 mi" on the FMNH label above.
- MOLLEPATA;** La Libertad 0812/7757 (USBGN)
2,680 m (CNG); near Ancash border, upper Río Tablachaca drainage (IGM); Simons, Dec. 1899 at 2,500 m (Chubb, 1919b:3, as "Mollapata Paramo").
- MONOBAMBA;** Junín 1125/7511 (USBGN)
2,000 m (CNG); ca. 45 km E of Tarma (MHA); Tschudi (Vaurie, 1972:22).
- MONTAÑA DE ANGURRA** (Taczanowski, 1884a:67); see Anguña.
- MONTAÑA DE NANCHO** (Taczanowski, 1883:71); see Nancho.
- MONTAÑA DE PALTO;** Cajamarca ca. 0610/7846 (Lamas, in litt.)
Forest, ca. 6.5 km from Tambillo, Sztolcman, Jelski, 7,000-7,500 ft [2,135-2,228 m] (Taczanowski, 1879:220); Carriker at Tambillo, "on edge of forest known as Montaña de Palto" (Bond, 1945:21); Raimondi (Taczanowski, 1884b:161); Vaurie, 1972:25, as "Palto"; this area appears on MF and MHA as "Montaña de Amachonga." For further discussion, see Tambillo.
- MONTAÑA DE PANGO** (Vaurie, 1972:25); see San Martín de Pangoa.
- MONTAÑA NINARUPA** (Taczanowski, 1874b:557); see Ninarupa.
- MONTEALEGRE;** Huánuco ca. 0930/7457 (Lamas)
Tessman (Vaurie, 1972:22); Lamas, 1976:21.
- MONTE ALTO DE CHUKISYUNCA** (FMNH); see Monte Alto de Chuquisyunca.
- MONTE ALTO DE CHUQUISYUNCA;** Junín ca. 1110/7528 (Hocking)
A few km E of Chuquisyunca, left bank of Río Palca drainage (Hocking);

Hocking, Oct. 1967 at 9,500 ft [2,900 m] (FMNH as "Monte Alto de Chukisyunca").

MONTE GRANDE; Piura ca. 0428/8103 (IGM)
ca. 500 m, ca. 28 km NE of Talara (IGM); collector ? (MVZ).

MONTENEGRO; Amazonas Not located
Km 278 on Olmos [0559/7946 (USBGN)] to Marañon road, collector ?, at 300 m (MVZ).

MONTE OLIVOS; Amazonas ca. 0538/7822 (Hocking)
Across river on mountain range facing Bagua Grande above Cajaruro, Hocking and Villar, Sept. 1975 at 3,000 ft [915 m], 4,300 ft [1,310 m] (FMNH); Hocking, Gómez, July 1977 at 4,300 ft [1,310 m] (FMNH).

MONTERA; Piura ca. 0557/8100 (H.-W. Koepcke)
Stream on E slope of Cerro Illescas (H.-W. Koepcke, 1961:32).

MONTERICO (Taczanowski, 1884a:73); see Monterrico.

MONTERREY; Ancash ca. 0927/7732 (Plenge, in litt.)
Village in agricultural area near Huaráz [= Huarás, 0932/7732 (USBGN)], Ortiz de la Puente, May 1948 (MHNJP as "Monterrey, Junín"); M. Koepcke, 1958:178.

MONTERREY; Junín (MHNJP); see Monterrey, Ancash.

MONTERRICO; Ayacucho ca. 1228/7354 (Lamas)
ca. 3 days E of Huanta [1256/7415 (USBGN)] on Río San Miguel, Jelski (Taczanowski, 1884a:73, as "Monterico"); Jelski, Apr. 1870 at 2,712 ft [825 m] (Sztolcman & Domaniewski, 1927:132, as "Monterico"); Jelski, Sztolcman, Kalinowski, Raimondi, Ridoutt (Vaurie, 1972:22, as "Monterico"); there is considerable disagreement about the location of Monterrico. Vaurie uses coordinates from Raimondi's map, ca. 1215/7402, and also gives Zimmer's coordinates, ca. 1250/7402. Altitudes given by Sztolcman, Domaniewski, and Lamas [827 m (Lamas, 1976:21)] are too low for the Río San Miguel location, and birds collected are lowland birds, so Monterrico is probably further N at the Lamas coordinates; Jelski and Sztolcman (MHNJP as "Monterrico o Huambo"); ca. 30 km NW of Luisiana [ca. 1239/7344] (Weske, 1972:PhD diss.).

MONTERRICO O HUAMBO (MHNJP); see Monterrico.

MONTESCO; Cajamarca ca. 0652/7905 (H.-W. Koepcke)
ca. 1150 m, hacienda on Río Saña (H.-W. Koepcke, 1961:32).

MONTONIO Not located
Jelski (Vaurie, 1972:22).

MOQUEGNA (Taczanowski, 1886:239); see Moquegua.

MOQUEGUA; Moquegua 1712/7056 (USBGN)
1,410 m (CNG); on Río de Osmore (MAPA); Watkins, Raimondi (Vaurie,

1972:22); Watkins, June 1920 at 1,367 ft [415 m] and Tschudi (M. Koepcke, 1961a:3, 4); LSU party (LSUMZ); Raimondi (Taczanowski, 1886:239, as "Moquegna"); H.-W. Koepcke, 1961:32.

MOQUEGUA, DEPARTAMENTO DE 1650/7055 (USBGN)
SW Peru, bordered on W by Pacific, on NW by Arequipa, on NE by Puno, and on S by Tacna (MAPA); formerly Moquegua, Provincia Litoral de (USBGN); Watkins, Raimondi (Vaurie, 1972:22); see, also, Moquegua.

MORERILLA (MHA); see Hacienda Morerilla.

MOROCOCHA; Junín 1137/7609 (USBGN)
4,550 m (CNG); Río Mantaro drainage (IGM); Ortiz de la Puente, Dec. 1947, near Morococha at 4,580 m (MHNJP).

MORONA; Huánuco Not located
LSU party (LSUMZ).

MORONA, RÍO; Loreto 0445/7704 (USBGN)
Rises near Ecuador border and flows S to Río Marañón (MHA); C. Kalinowski, Feb., Mar. 1957 at Río Pushaga, 220 m (FMNH).

MORO DE SAMA (Tovar, 1969:549); see Caleta de Sama.

MORO SAMA (MVZ); see Caleta de Sama.

MORRAPE (Vaurie, 1972:23); see Mórrope.

MORRERILLA (MHA); see Hacienda Morerilla.

MÓRROPE; Lambayeque 0633/8001 (USBGN)
16 m (CNG); Raimondi (Vaurie, 1972:23); variant Morrape; Raimondi (Taczanowski, 1884b:486); south end of Sechura desert near the lower Río de la Leche (H.-W. Koepcke, 1961:32); collector ?, 3 km S at 100 ft [31 m] (MVZ).

MORROPERE Not located
"Tumbes," apparently = Morropón, Piura [0512/8000 (USBGN)], Sztolcman (Vaurie, 1972:23).

MORROPÓN; Piura 0512/8000 (USBGN)
131 m (CNG); Simons, Aug. 1899 at 142 m (Chubb, 1919b:3, as "Marropon"); variant Marropou; Raimondi, Watkins (Vaurie, 1972:23); "Morropon-Canchaque-Huancabamba highway, Parker, Thomas, and Rutherford, Nov.-Dec. 1974, O'Neill and Kennedy, Aug. 1975 (Schulenberg & Parker, 1981:209).

MORRO SAMA (Tovar, 1969:527); see Caleta de Sama.

MORRO SOLAR; Lima Not located
Low coastal mountains near Chorrillos [1210/7702 (USBGN)], S of Lima (H.-W. Koepcke, 1961:32).

MOTIL (Vaurie, 1972:23); see Hacienda Motil.

MOTUPE; Lambayeque 0609/7944 (USBGN)
130 m (CNG); coastal foothills (MHA); C. Kalinowski, Apr. 1954 (FMNH);
Raimondi, at an unlocated Motupe (Vaurie, 1972:23); Raimondi, "Nord du
Peru" (Taczanowski, 1886:73).

MOYABAMBA (Vaurie, 1972:23); see Moyobamba, San Martín.

MOYNAS (Vaurie, 1972:22); see Maynas.

MOYOBAMBA; Ayacucho 1321/7352 (USBGN)
ca. 2,000 m, Río Pampas valley at ca. 1342/7357 (MHA); may = Church
locality "in Cuzco" (Vaurie, 1972:23); also "= mountains of Moyobamba,
11°-12° latitude" (Vaurie, 1972:23).

MOYOBAMBA; Cuzco Not located
May = Moyobamba, Ayacucho, Church (Vaurie, 1972:23).

MOYOBAMBA; San Martín 0603/7658 (USBGN)
860 m (CNG); on upper Río Mayo (MHA); Steere, Mar. 1872 (Sclater &
Salvin, 1878:135); Osgood and Anderson, Jan., July-Aug. 1912 at 2,800 ft
[855 m] (Cory, 1915a:295, 1915b:303); Carriker, Oct. 1933 at 3,500 ft
[1,070 m] (Carriker, 1934a:321; Bond, 1945:19); Raimondi, Sztolcman
(Vaurie, 1972:23); Raimondi also between Moyobamba and Balsapuerto
[0550/7636 (USBGN)] and between Moyobamba and Jeveros [= Jeberos,
0517/7613 (USBGN)] (Vaurie, 1972:23); Raimondi (Taczanowski, 1884a:
436); Delattre (Vaurie, 1972:22, as "Mayobamba").

MOYOCUCHA Not located
Vaurie, 1972:23, variants Moyocuchu, Moyoruchu; Jelski (Taczanowski,
1884a:296).

MOYOCUCHU (Vaurie, 1972:23); see Moyocucha.

MOYORUCHU (Vaurie, 1972:23); see Moyocucha.

MUCHICA; Ica ca. 1335/7532 (Vaurie)
7,000 ft [2,135 m], farm on upper Río Pisco, Carriker Mar. 1931 (ANSP);
Vaurie, 1972:23, variant Muchiq; Bond, 1955a:237.

MUCHIQ (Vaurie, 1972:23); see Muchica.

MUÑA; Huánuco 0940/7546 (USBGN)
ca. 2,000 m, right bank of Río Huallaga (MHA at ca. 0950/7550);
Hoffmanns at "2,150 m" (Vaurie, 1972:23); Zimmer, 1953a:26.

MUÑANI; Puno 1446/6957 (USBGN)
3,919 m (CNG); ca. 30 km ENE of Azángaro, Lago Titicaca drainage via
Río Muñani (MHA); Dorst, Jan.- Feb. 1955, June 1956, Jan. 1961, at
Muñani and Pampa de Muñani, also on high plateaus between Muñani and
Checayani [1449/7001 (USBGN)] (Dorst, 1956a:441; 1957c:127; 1962b:
428).

MUÑANI, PAMPA DE (Dorst, 1962b:427); see Muñani.

MUNICHES (MHA); see Munich.

MUNICHI; Loreto 0551/7610 (USBGN)
ca. 100 m, on Río Paranapura, ca. 20 km W of Yurimaguas (MHA as
"Muniches"); Anderson, Aug.-Sept. 1912 (FMNH as "Munichis"); Vaurie,
1972:23; correct name "Muniches" (Lamas, in litt.).

MUNICHIS (FMNH); see Munich.

ÑAHUIMPUQUIO, LAGUNA; Junín ca. 1203/7520 (Lamas, in litt.)
Lake ca. 15 km NW of Huancayo [1204/7514 (USBGN)], past Chupaca,
possibly a Brack sight record (Plenge, in litt.); Brack Egg, 1970:157, as
"Nahuinpuquio."

ÑAHUINPUQUIO (Brack Egg, 1970:157); see Ñahuimpuquio, Laguna.

NAÑA; Lima 1159/7650 (USBGN)
ca. 500 m, on Río Rímac (MHA as "Hda. Naña"); Sanborn, Mar. 1946 at
2,000 ft [610 m] (FMNH); collector ?, 2 km S, 2 km E, 1,000 ft [305 m]
(MVZ).

NANAY; Loreto 0340/7315 (USBGN)
Town shown at ca. 0349/7359 on MAPA and IGM, on Río Nanay [0342/
7316 (USBGN)], tributary to left bank of Río Amazonas (IGM); Schunke,
June, Aug. 1940, 108 m (MHNJP).

NANCHO; Cajamarca 0658/7915 (USBGN)
400 m (CNG); ca. 70 km ESE of Chiclayo (MHA); Montaña de Nancho,
Fôret de Nancho, Jelski at 7,700 ft [2,350 m] (Taczanowski, 1883:71);
Ridoutt at "Nanchoc," Sztolcman (Vaurie, 1972:23); Ridoutt never in
Peru, contra Vaurie (Plenge, in litt.); Montaña de Nancho [= mountains
near Nanchoc], Jelski, 2,347 m (Plenge, 1979:6); Nanchoc is more usual
spelling now (Plenge, in litt.).

NANCHOC (Vaurie, 1972:23); see Nancho.

NAPO, RÍO; Loreto 0320/7240 (USBGN)
Rises in Ecuador, flows NE, then turns SE near Peruvian border and joins
Río Amazonas (MHA); Powlison, June-Aug. (1962-1967), opposite Río
Napo, 40 mi [64 km] E of Iquitos at ca. 350 ft [107 m] (FMNH); see, also,
Libertad, Isla Ronsoco, Río Papaya and Río Sucusari.

NARANJAPATA Not located
Near Corral [ca. 0630/7723 (Vaurie)] and Totorá [0629/7726 (USBGN)]
(Vaurie, 1972:23); probably in Amazonas.

NASCA (Vaurie, 1972:23); see Puerto Caballas.

NASINISCATO, RÍO (FMNH); see Nusiniscato, Río.

ÑAUPE; Lambayeque 0536/7954 (USBGN)
ca. 150 m (MHA); on Panamerican Highway, ca. 45 km NNW of Olmos,
arid scrub, LSU party (LSUMZ); Ortiz de la Puente, May 1951 (MHNJP);
Williams, 3.5 km N on plain bordering dry bed of Río de Ñaupe [0534/
7954 (USBGN)] at 150 m, also 2 km N, May, June, July 1978 (Williams,
1981a:83; 1981b:183).

ÑAUPE, CERROS DE; Lambayeque 0534/7957 (USBGN)
Small range NE of Ñaupe, Williams, a few km E of his site 2 km N of
Ñaupe, May 1978 (Williams, 1981b:183).

NAUTA; Loreto 0432/7333 (USBGN)
111 m (CNG); left bank of Río Marañón (MHA); Hauxwell, Nov. 1880

(FMNH); Bartlett, Apr. 1865 (Sclater & Salvin, 1873b:253); Bartlett, Sept. 1865-Feb. 1866 (FMNH); C. Kalinowski, Nov.-Dec. 1956 (FMNH); Vaurie, 1972:23; Castelnau and Deville (Taczanowski, 1884b:279); Raimondi, Bates, Whitely (Bates's Peruvian specimens were obtained for him by other collectors [Plenge, in litt.]); Hauxwell, Oct., Nov. 1880 (Hellmayr, 1910:165); Bartlett, Apr., Oct. 1865 (Sclater & Salvin, 1866a:175).

NAYUMPIM, QUEBRADA DE; Amazonas ca. 0357/7736 (LSUMZ)
Small tributary of Río Caterpiza (an E bank tributary of Río Santiago), rises in W slopes of Cerros Campanquiz, tropical forest, hilly, LSU party, Sept. 1979-Feb. 1980, ca. 350 m (LSUMZ).

NAZARET (O'Neill, 1969:9); see Nazareth.

NAZARETH; Amazonas 0506/7819 (USBGN)
ca. 300 m, on right bank of Río Marañón at confluence with Río Chiriaco (IGM); lowland, wet forest, LSU party, ca. 300 m (LSUMZ); O'Neill, 1964 (O'Neill, 1969:9, as "Nazaret"); also on Carretera Corral Quemado-Nazareth at 900 ft [379 m] (LSUMZ); collector ?, 12 mi [19 km] by road SSW, 1,100-1,180 ft [336-360 m] (MVZ).

NAZARETH; Loreto (Vaurie, 1972:23); see Amelia.

NAZCA; Ica 1450/7457 (USBGN)
588 m (CNG); Río Blanco Valley ca. 55 km from coast (MHA); Carriker, Mar. 1931 at 800-1,000 ft [244-305 m] (ANSP; Bond, 1945:19; Carriker, 1932:6); Hocking, in area, Feb. 1974 at 2,000 ft [610 m] (FMNH); LSU party (LSUMZ); Ortiz de la Puente, Km 366 near Nazca, Jan. 1952 (MHNJP); near Río Grande (H.-W. Koepcke, 1961:32).

NAZCA, QUEBRADA; Ica 1443/7519 (USBGN)
Rises near Nazca, flows WSW to join Río de Tunga, forming Río Grande (MHA as "Río de Nazca"); Hocking, Feb.-Mar. 1969, Feb.-Mar. 1970, at ca. 2,000 ft [610 m] near Nazca (FMNH).

NAZCA, RÍO DE (MHA); see Nazca, Quebrada.

NEGRITOS; Piura 0438/8119 (USBGN)
Sea level, ca. 11 km S of Talara (MHA); Murphy (Vaurie, 1972:23); H.-W. Koepcke, 1961:32).

NEGRO (Vaurie, 1972:23); see Pósic.

NEGRO, RÍO; San Martín 0556/7709 (USBGN)
Río Mayo tributary, mouth ca. 30 km NW of Moyobamba (MHA); Watkins between Chachapoyas and Moyobamba at 2,600 ft [793 m] (Chapman, 1926b:2); Watkins, Oct. 1925 (Zimmer, 1932d:20).

NEVATI; Pasco ca. 1021/7451 (Tuttle)
ca. 900 ft [275 m], mission station on N bank of Río Pichis, 10 km SE of Puerto Bermúdez, virgin evergreen forest, Tuttle, June 1963, July 1964 (Tuttle, 1970:81); Andrews Univ. party, July 1964, July 1965, July 1968, also 1/4 mi [.4 km] E on Río Nequach [= Río Negauachi [1023/7452 (USBGN)] (FMNH as "Nevati Mission").

NEVATI MISSION (FMNH); see Nevati.

NIBINTO (Vaurie, 1972:23); see Nivinto.

NIEPOS; Cajamarca 0656/7908 (USBGN)
2,446 m (CNG); Pacific slope (MHA); Vaurie, 1972:23.

NIEVA, RÍO; Amazonas 0435/7753 (USBGN)
Rises near Amazonas/San Martín border at ca. 0535/7740, flows generally N to right bank of Río Marañón (IGM); LSU party at Kigkis [0452/7757 (LSUMZ)] (LSUMZ).

NINABAMBA; Apurímac ca. 1328/7349 (Vaurie)
7,000 ft [2,135 m], hacienda on Río Pampas, on road from Ayacucho to Cuzco, ca. 80 mi [129 km] SE of Ayacucho, arid subtropical zone, thorn scrub, Morrison, Aug.-Sept. 1939 (Morrison, 1948a:119).

NINABAMBA; Cajamarca 0640/7847 (USBGN)
2,175 m (CNG); upper Río Chancay (IGM); M. Koepcke, Mar. 1958 at 1,800 m, near Chugur and Río Quilcate (M. Koepcke, 1961a:7); Sztolcman, ca. 6,700 ft [2,044 m] (Taczanowski, 1880:208); USBGN as "Minabamba."

NINABAMBA; Junín Not located
Near Acaricocha [1109/7546 (USBGN)], Raimondi (Vaurie, 1972:23); a great plateau with bushes, Jelski, at 6,000 ft [1,830 m] in vicinity of Pumamarca (Taczanowski, 1884a:72); Raimondi (Taczanowski, 1884b:158).

NINANTAYA; Puno 1526/6920 (USBGN)
4,130 m, ca. 15 km E of Lago Titicaca on Bolivian border (MHA); Vaurie, 1972:23.

NINA QUINDE; Loreto Not located
On Río Corrientes [0343/7445 (USBGN)] (Zimmer, 1951a:45).

NINARUPA, CERRO; Junín ca. 1123/7622 (Lamas)
"Snow line," "foot of Ninarupa," "Montaña de Ninarupa," between Junín [1110/7600 (USBGN)] and Obrajillo [ca. 1123/7641 (MHA)] according to Zimmer, Jelski (Vaurie, 1972:23); Jelski, Montaña Ninarupa near Junín (Taczanowski, 1874b:557).

NINARUPA, MONTAÑA DE (Vaurie, 1972:23); see Ninarupa, Cerro.

NIVINTO; Cajamarca 0557/7856 (USBGN)
ca. 1,000 m, left bank of Río Marañón drainage (MHA as "Nibinto"); Vaurie, 1972:23, as "Nibinto."

NÓCHOSO; Junín ca. 1047/7501 (Hocking)
Close to and downriver, SE, from Yurinaqui Alto, near La Florida, López for Hocking, June 1969 at 3,000 ft [915 m], Jan. 1970 at 2,000 ft? [610 m?], July 1973 (FMNH).

NUDO DE SARASARA (Vaurie, 1972:30); see Sara Sara, Nevado.

NUDO DE SASARASA (Vaurie, 1972:29); see Sara Sara, Nevado.

NUEVA CHOSICA (FMNH); see Chosica.

NUEVO LORETO (Ménégaux, 1910b:319); see Hacienda Nuevo Loreto.

NUNOA; Puno Not located
Collector ?, 3 mi [5 km] SE of Nunoa, 13,400 ft [4,087 m] (MVZ).

NUSINISCATO, RÍO; Cuzco 1315/7034 (USBGN)
Rises near Madre de Dios/Cuzco border, flows E to join Río Marcapata (IGM); Traylor (Vaurie, 1972:23); since Traylor did not collect in Peru, the collector mentioned by Vaurie is C. Kalinowski; C. Kalinowski, Dec. 1948, 630 m (FMNH); variant Nasiniscato, Río; see, also, Balceadero.

OBRAILLO (Vaurie, 1972:24); see Obrajillo.

OBRAJE; Puno ca. 1340/6950 (Lamas)
Vaurie believed Obraje probably = Oroya [1353/6940 (USBGN)] (Vaurie, 1972:24), but Lamas gives above coordinates in his corrections to Vaurie's gazetteer (Lamas, 1976:24).

OBRAJILLO; Lima ca. 1123/7641 (MHA)
ca. 2,500 m, ca. 3 km N of Canta on upper Río Chillón (MHA); Jelski, Carriker (Vaurie, 1972:24), variant Obrajillo; Newbold and Carriker, Nov. 1929 at 9,000-12,000 ft [2,745-3,660 m] on slopes along river (ANSP; Bond, 1945:19); Jelski (Sztolcman & Domaniewski, 1927:131).

OBrero; Loreto ca. 0548/7438 (FMNH)
S end of Canal de Puinahua, Hocking, Aug. 1968 (FMNH).

OCAÑA; Arequipa ca. 1627/7307 (IGM)
Sea level, near mouth of Río Ocaña (IGM); H.-W. Koepcke, 1961:33.

OCAÑA; Ayacucho 1423/7449 (USBGN)
ca. 1,500 m, ca. 45 km NNE of Nazca, on Río de Viscas, Pacific drainage (MHA); Hocking, Mar. 1969 at 9,000 ft [2,745 m], Aug. 1970 at 10,000 ft [3,050 m], also at a waterhole on road to Ocaña at 5,000 ft [1,525 m] (FMNH).

OCCABAMBA (Vaurie, 1972:24); see Ocobamba.

OCCOBAMBA (Vaurie, 1972:24); see Ocobamba.

OCCOBAMBA PASS (Chapman, 1921b:18); see Ocobamba Pass.

OCCOBAMBA VALLEY (Chapman, 1921b:18); see Ocobamba, Río.

OCCOMANI; Puno Not located
C. Sanborn, Mar. 1942 (FMNH); probably near Oconeque [1403/6942 (USBGN)].

OCEANÍA; Loreto ca. 0550/7440 (FMNH)
On Canal de Puinahua, Hocking, Nov. 1969 (FMNH).

OCOBAMBA; Cuzco ca. 1250/7226 (CNG)
1,900 m (CNG); near Cuzco, Garlepp (Vaurie, 1972:24 as "Occobamba"), variant Occabamba; see, also, Convención, Valle del.

OCOBAMBA PASS; Cuzco Not located
13,800 ft [4,210 m], pass between Ollantaytambo valley and Ocobamba valley, ca. 8 leagues [38 km] N of Ollantaytambo [1310/7216 (USBGN)], rounded hills covered with grass, Heller, at 12,500 ft [3,813 m], July 1915 (Chapman, 1921b:18, as "Occobamba Pass"); Watkins (Vaurie, 1972:24, as "Occabamba, Urubamba"); see Ocobamba, Río; Vaurie's coordinates seem too close to Ollantaytambo.

OCOBAMBA, RÍO; Cuzco 1226/7223 (USBGN)
Rises ca. 1308/7220 and flows N to join Río Yanatili (MAPA); Heller,
July-Aug. 1915 at 9,100 ft [2,780 m] (Chapman, 1921b:18, as "Occobamba
Valley"); see, also, Tocopoqueyu.

OCONEQUE; Puno 1403/6942 (USBGN)
1,956 m, ca. 12 km N of Limbani, upper Río Quiton [= Río Quitún]
(MHA); Carriker, May, June 1931, in forest on road above Oconeque at
2,100-2,900 m and in mountains across river (ANSP; Carriker, 1931:467);
Ockenden, July 1904 at 7,000 ft [2,135 m] (FMNH); Sanborn, Oct. 1941,
Mar. 1942 (FMNH); Watkins (Vaurie, 1972:24); Vaurie also lists Queue-
que [= Oconeque] as Ockenden site (Vaurie, 1972:28); collector ?, 10+ mi
[16+ km] N of Limbani, 7,000 ft [2,135 m], also 6 mi [10 km] N of
Limbani, alt. ? (MVZ).

OCONGATE, RÍO; Cuzco Not located
Probably small affluent of Río Paucartambo in area of Ocongate
[1338/7124 (USBGN)], C. Kalinowski, July-Aug. 1949 at 3,500-4,000 m
(FMNH).

OCOPAMPA; Huánuco Not located
Near Ambo [1007/7610 (USBGN)], Ramírez, July 1952 (MHNJP).

OCROS; Ayacucho 1324/7354 (USBGN)
3,125 m (CNG); on Río Pampas tributary (MHA); C. Kalinowski, Oct.
1953 (FMNH); Vaurie, 1972:24.

OCUCAJE; Ica 1421/7541 (USBGN)
ca. 200 m, ca. 30 km S of Ica (MHA); J. Kalinowski, Dec. 1889
(Berlepsch & Sztolcman, 1892:372, as "Hacienda Ocucaje").

OCYASOPÑO; Junín ca. 1038/7515 (FMNH)
Near Oresmapno, Hocking, Oct. 1973 at 6,000 ft [1,830 m], Río Perené
drainage (FMNH).

OFRENDIA BAY (Forbes, 1914:411); see La Ofrenda, Playa.

OLLACHEA; Puno 1349/7029 (USBGN)
2,785 m (CNG); at confluence of Ríos Corani and Sangabán, Río Inambari
drainage (MHA); H. Watkins and C. Watkins, Feb.-Mar. 1910 near
Ollachea, 20 mi [32 km] W [probably = NNW] of Macusanai [= Macusani,
1405/7026 (USBGN)], at 11,400 ft [3,477 m] (Hellmayr, 1912: 159).

OLLANTAITAMBO (MHA); see Ollantaytambo.

OLLANTAYTAMBO; Cuzco 1316/7216 (USBGN)
2,846 m (CNG); on Río Vilcanota (MHA as "Ollantaitambo"); arid,
temperate zone, cactus and stunted bushes, grasses above valley, Heller,
9,300 ft [2,837 m], Apr., July-Nov. 1915, July 1916 (Chapman, 1921b:18);
LSU party (LSUMZ as "Ollantaitambo"); Rivera, Aug. 1974, San Luis road
(MHNJP).

OLLÓN, CUMBRE DE; Pasco ca. 1034/7510 (LSUMZ)
2,500 m, ca. 12 km E of Oxapampa [1034/7524 (USBGN)], LSU party,
Mar. 1982 (LSUMZ).

- OLMOS;** Lambayeque 0559/7946 (USBGN)
175 m (CNG); Carriker (Bond, 1945:20); M. Koepcke, Apr. 1953 at 200 m (Sanft, 1973:420); M. Koepcke on highway from Olmos to Cajamarca [0710/7831 (USBGN)] at Km 50, Apr. 1954 at 500 m (M. Koepcke, 1961a:24); ca. 1 km W of Panamerican Highway, arid scrub, LSU party (LSUMZ); LSU party, Dec. 1964, 15 km from Olmos on road to Bagua [0540/7831 (USBGN)] (MHNJP); LSU parties, forested streams NE, 1977-1979 (Schulenberg & Parker, 1981:210); Robbins, 16 km N, 4 km SE of Mano de Leon [0552/7944 (USBGN)], 200 m, July 1979 (LSUMZ); collector ?, various sites from 10-28 km E, 6-7 km N, 19 km ENE, 549-1,150 m (MVZ); Williams, May, June, July 1978 near Olmos (Williams, 1981a:84).
- OLMOS, RÍO DE;** Lambayeque 0559/7945 (USBGN)
Rises below Abra de Porculla [ca. 0551/7931] and flows SW to desert (IGM); collector ?, 5 km N and 20 km E of Olmos, 1,800 ft [549 m], and 5 km N and 14 km E of Olmos 1,500 ft [458 m] (MVZ).
- OMACHO;** Cuzco Not located
NE slope of Cordillera Carabaya, not more than one day from Cadena [1324/7043 (USBGN)] in Marcarpata valley, C. Kalinowski, Dec. 1948 at 2,300 m (FMNH).
- OMAGUAS;** Loreto 0408/7315 (USBGN)
ca. 100 m, left bank of Río Amazonas (MHA); Vaurie, 1972:24.
- OMIA;** Amazonas 0625/7719 (USBGN)
ca. 1,500 m, ca. 10 km SE of Mendoza on Río Huambo (MHA); Sztolcman, also at Río de Omia, [not located] (Vaurie, 1972:24); "between Omia and Soritor" [0606/7704 (USBGN)] (Vaurie, 1972:24).
- OMIA, RÍO DE** (Vaurie, 1972:24); see Omia.
- OMOTAPE** (Chubb, 1919c:22); see Amotape.
- ÓNDORES;** Junín 1104/7608 (USBGN)
ca. 4,000 m, ca. 3 km from SW shore of Lago de Junín (MHA as "Ordones"); J. Kalinowski, May 1890 (Berlepsch & Sztolcman, 1896:324); Berlepsch & Sztolcman, 1902:42, as "Andores"; Vaurie, 1972:24, as "Ordones"; Ortiz de la Puente, Nov. 1947 at 4,120 m, also at Hondoros [= Ondores], Laguna de (MHNJP as "Hondores"); collector ?, 4 km SE, 3,860 m (MVZ).
- ONEGA** Not located
May = either Omaguas [0408/7315 (USBGN)] or Cunja [= Cunja, Isla, 0530/7413 (USBGN)], Mounsey (Vaurie, 1972:24).
- ONGÓN;** La Libertad 0816/7658 (USBGN)
ca. 1,500 m (MHA); ca. 40 km E of Tayabamba on Río Mishollo, left bank of Río Huallaga affluent (IGM); no collecting [?] but used as reference point on labels, habitat in area presumably destroyed (LSUMZ).
- ONGORO;** Arequipa 1556/7229 (USBGN)
Río de Majes, von Wedemeyer, Apr. 1965, 900 m (MHNJP as "Hacienda Ongoro").

- ONTAVE; Puno 1630/6939 (USBGN)
On Río Huenque, a major tributary to Río Ilave (MAPA); "Río Ilave, near Hacienda Ontave, L. Titicaca," M. Koepcke, Mar. 1953 at 4,150 m (Sanft, 1970:345, as "Hacienda Ontave").
- OPAMAYO (Vaurie, 1972:34); see Upomayo.
- ORAYCI (Chubb, 1919b:270); see Oroya.
- ORCOCCOCHA, LAGO; Huancavelica 1310/7508 (USBGN)
ca. 4,000 m, W cordillera (MHA); open, with no reed beds, Morrison, Nov. 1937 (Morrison, 1939b:459, as "L. Orcococha"); see, also, Santa Inés.
- ORDONES (Vaurie, 1972:24); see Ondores.
- OREJA DE CAPELO; Junín ca. 1111/7527 (MF)
Right bank of Río Chanchamayo, ca. 20 km NE of Palca (MF); Weyrauch, Apr. 1942, ca. 1,600 m (FMNH); Weyrauch, June 1942, Aug. 1951 at 1,600 m (MHNJP).
- ORELLANA; Loreto 0654/7504 (USBGN)
ca. 100 m, left bank of Río Ucayali (MHA); Zimmer, Mar. 1923 (Zimmer, 1930:235).
- ÓRESMAPNO; Junín ca. 1040/7515 (Hocking)
Near Yurinaqui Alto, Río Perené drainage, Hocking, Feb. 1970 at 6,000 ft [1,830 m], Oct. 1973 (FMNH).
- ORGANOS (H.-W. Koepcke, 1961:31); see Los Organos.
- ORILLAS DEL SANTA; Ancash Not located
Banks of Río Santa near Huaraz [= Huarás, 0932/7732 (USBGN)], Ortiz de la Puente, May 1948 (MHNJP).
- OROCOCHA, LAKE (Morrison, 1939b:459); see Orcococha, Lago.
- OROSA; Loreto 0326/7208 (USBGN)
ca. 100 m (MHA as "Oroza"); right bank of Río Amazonas at mouth of Río Orosa (IGM); Olalla and Sons, Sept.-Nov. 1926 (Zimmer, 1944b:2); Olalla's collections made at mouth of Río Oroza [= Río Orosa] and on islands in Río Amazonas below Oroza [= Orosa] Is., downstream in direction of mouth of Río Yavari [= Río Yavarí, 0423/6959 (USBGN)] (Vaurie, 1972:24, as "Oroza"); Olalla, June 1935 (FMNH); Carriker, Sept., year ? (Bond, 1955a:222).
- OROYA; Junín (ANSP); see La Oroya.
- OROYA; Puno 1353/6940 (USBGN)
ca. 980 m, right bank of Río Inambari (MHA); Simons, July 1900 at 1,000 m in woods (Chubb, 1919b:8); variant Oroyci; Carriker at 2,500 ft [765 m], June 1931 (Bond, 1945:19); Simons (Vaurie, 1972:24), variant La Aroya.
- OROYCI (Chubb, 1919b:8); see Oroya, Puno.

OROZA (Vaurie, 1972:24); see Orosa.

OSILA; Puno Not located
Near Asillo [1447/7021 (USBGN)], Keays (Vaurie, 1972:24), variant Osiro.

OSIRO (Vaurie, 1972:24); see Osila.

OSMAL; Amazonas Not located
Zimmer believed this site must be near Chachapoyas [0613/7751 (USBGN)] and Tamiapampa [0620/7752 (Vaurie)], Taczanowski ? (Vaurie, 1972:24); collector probably Sztolcman, not Taczanowski.

OTERO (Vaurie, 1972:24); see Hacienda Otero.

OTUMA (IGM); see Salinas de Otuma.

OTUSCO (Bangs & Noble, 1918b:451); see Otuzco.

OTUZCO; La Libertad 0754/7835 (USBGN)
2,641 m (CNG); Pacific drainage (MHA); Baron at 4,000 ft [1,220 m] (Bangs & Noble, 1918b:451, as "Otusco"); Baron at ca. 9,000 ft [2,745 m] (Baron, 1897:6); Osgood and Anderson, Mar. 1912 in mountains near Otuzco at 10,000 ft [3,050 m] (Cory, 1919a:89); Ortiz de la Puente, Apr. 1951 on road to Otuzco at 560 m (MHNJP); M. Koepcke, 1958:141; LSU party (LSUMZ).

OTUZCO, PROVINCIA DE; La Libertad 0750/7835 (USBGN)
Province in central La Libertad (MAPA); Baer, province of Utuzco to Chitapaura (or Chitahuara) [not located] (Vaurie, 1972:24); see, also, Otuzco.

OXAPAMPA; Pasco ca. 1033/7524 (CNG)
1,814 m (CNG); ca. 40 km N of Colonia del Perené (MHA); Carriker, 6,000 ft [1,830 m] (Bond, 1956:247).

OYÓN; Lima 1039/7647 (USBGN)
3,620 m (CNG); headwaters of Río Huaura (MHA); junction of scattered brush and puna grassland, some *Polylepis* woods in vicinity, LSU party (LSUMZ); M. Koepcke, Nov. 1964, ca. 4,000 m and between Oyón and Mina Raura, Cordillera Raura [ca. 1027/7643 (MHA)] (MHNJP), also Callejón de Oyón.

OYOTÚN; Lambayeque 0651/7919 (USBGN)
ca. 200 m, on Río Zaña [= Río de Saña] (MHA); H.-W. Koepcke, 1961:33.

- PAAGAT; Amazonas** Not located
On Río Cenepa [0435/7812 (USBGN)], collector ? (MVZ), variants Pagaat and Pagat.
- PABUR; Piura** 0510/8006 (USBGN)
Hacienda 60 km E of Piura (H.-W. Koepcke, 1961:33); Raimondi (Vaurie, 1972:15, as "Hacienda de Pabur"); Jelski, Jan. 1877 (MHNJP as "Hacienda de Pabur" and "Hacienda Pabur"); M. Koepcke, Aug.-Sept. 1950 (MHNJP); M. Koepcke, 1958:141; Raimondi (Taczanowski, 1886:271, as "Hacienda de Pabur").
- PACA; Junín** 1141/7531 (USBGN)
3,390 m (CNG); ca. 15 km N of Jauja (MHA); small village on Laguna de Paca, puna grassland with lake edged with reeds, LSU party (LSUMZ).
- PACA, LAGUNA DE; Junín** 1139/7526 (USBGN as "Paca, Laguna")
Lake with reeds, Ortiz de la Puente, Sept. 1947 (MHNJP); Castro, Dec. 1969 at 3,480 m (MHNJP); near Jauja, M. Koepcke, Aug. 1953, 3,460 m, on shore (M. Koepcke, 1958:171); Frazier, Mar. 1964 at 11,800 ft [3,550 m] (Frazier, 1964:554); LSU party (Plenge, in litt.); correct name Laguna de Paca (Lamas, in litt.).
- PACACOCHA; Loreto, now Ucayali** Not located
Near Pucallpa [0823/7432 (USBGN)], Río Ucayali, Ortiz de la Puente, Mar. 1949, riverbank and lakes (MHNJP); Spillman, Mar. 1949 (MHNJP).
- PACACURO, LAGO; Loreto** 0603/7524 (USBGN)
ca. 150 m, lake joining left bank of Río Ucayali (MHA as "Lago Pucacuro"); Bartlett (Vaurie, 1972:27, as "Pucacuro"); Zimmer, 1943:c4 as "Puca Curo."
- PACAMAYO (Vaurie, 1972:27); see Pacaymayo.**
- PACASMAYO; La Libertad** 0724/7934 (USBGN)
8 m (CNG); seaport ca. 8 km W of San Pedro de Lloc (MHA); small streams, swampy, Jelski and Sztolcman, June 1877 (Taczanowski, 1879:220); Osgood and Anderson, Mar.-Apr. 1912 (Cory, 1915a:300); Steere, Mar.-May 1873 (Sclater & Salvin, 1878:135); M. Koepcke, Apr. 1954, near Pascamayo [= Pacasmayo] on coast under 100 m (Sanft, 1973:407); Sztolcman, Jelski, Baron, Steere, Orton, Raimondi (Vaurie, 1972:24); Coker, Mar. 1907 (Coker, 1920:495); LSU party (LSUMZ); collector ?, 5 km NE, 200 ft [62 m] (MVZ); Baron, June? 1895 (Baron, 1897:1).
- PACAYA; Loreto, now Ucayali** ca. 1014/7403 (MHA)
ca. 400 m, left bank of Río Ucayali (MHA); Vaurie, 1972:24.
- PACAYA, RÍO; Loreto** 0522/7418 (USBGN)
Tributary to W bank of Canal de Puinahua (IGM at ca. 0511/7417); M. Koepcke, between Cañón Yarina and Cocha Zapote, M. Koepcke, Aug. 1967 (MHNJP); J. J. Morrissey [= Mounsey?], Aug. 1902? 1912? (FMNH); Rosenberg's collector, July 1912 (FMNH).

PACAYACU, RÍO (FMNH); see Pucayacu, Río.

PACAYCHACRA; Arequipa 1554/7234 (USBGN)
On Río Blanco, ca. 12 km SE of Chuquibamba (MAPA); M. Koepcke, Jan. 1956, near Pacaychacra at 1,900 m (M. Koepcke, 1959:246); 1,400-1,500 m (H.-W. Koepcke, 1961:33).

PACAYMAYO; Cuzco ca. 1234/7234 (Vaurie)
Near Santa Ana, J. Kalinowski, June 1894 (Berlepsch & Sztolcman, 1906:73); Kalinowski, Sztolcman (Vaurie, 1972:27, as "Pucamayo"), variant Pacamayo.

PACCHA; Junín 1130/7559 (USBGN)
3,742 m (CNG); left bank of Río Mantaro, ca. 5 km NW of La Oroya (MHA); LSU party (LSUMZ); Hocking, Nov. 1965, 11,200 ft [3,415 m] (MHNJP); Ortiz de la Puente, May 1948, 4,125 m (MHNJP).

PACCHAPATA, LAKE (Vaurie, 1972:24); see Hacienda Pacchapata.

PACHACAMAC; Lima 1214/7653 (USBGN)
75 m (CNG); ca. 5 km NE of Lurín (IGM); Castro, Oct. 1969, fog vegetation (MHNJP); ruins near mouth of Río Lurín [1217/7655 (USBGN)] (H.-W. Koepcke, 1961:33).

PACHACAMAC, ISLA; Lima 1218/7655 (USBGN)
Guano island S of Lima (MHA); Coker, Dec. 1906-Aug. 1908 (Coker, 1920:511); Tovar, 1962-1965 (Tovar, 1969:527).

PACHACAYO; Junín 1146/7544 (USBGN)
ca. 3,500 m, ca. 23 km SE of La Oroya on railroad (MHA); collector ?, early 1930's, ca. 12,000 ft [ca. 3,660 m] (Morrison, 1948c:131).

PACHAS; Huánuco 0937/7647 (USBGN)
3,452 m (CNG); left bank of Río Marañón drainage, 10 km N of La Unión (MHA); W of road, N of La Unión, Hocking, Aug. 1965 at 11,000 ft [3,355 m] (FMNH).

PACHISA (Vaurie, 1972:24); see Pachiza.

PACHITA, RÍO (FMNH); see Pachitea, Río.

PACHITEA, RÍO; Huánuco 0846/7432 (USBGN)
Large tributary to left bank of Río Ucayali, formed at ca. 0954/7458 by confluences of Ríos Pichis and Palcazu (MHA); humid, tropical zone, Schunke, Dec. 1947 (Traylor, 1958:87, as "Río Pachutia"); Heller, Mar. 1923 (FMNH as "Pachita, Río"); Hocking, July 1968 (FMNH); Weyrauch, Nov. 1942 at 250 m (MHNJP); M. Koepcke, Aug. 1959 at Hacienda Flor [ca. 0953/7456] (FMNH); M. Koepcke, across from mouth of Río Macuñ [= Río Macuya] near Tournavista [ca. 0855/7443], Aug. 1959 (MHNJP).

PACHIZA; San Martín 0716/7646 (USBGN)
328 m (CNG); on Río Huayabamba (MHA); Sztolcman, Schunke (Vaurie, 1972:24, as "Pachisa"); Zimmer, 1935a:22, as "Pachisa".

- PACHUTIA, RÍO (Traylor, 1958:87); see Pachitea, Río.
- PACUCHA, LAGUNA; Apurímac 1337/7319 (USBGN)
Small lake, ca. 3 km NE of Andahuaylas (IGM); C. Kalinowski, Sept. 1953
at ca. 3,000 m (FMNH); Hocking, Villar, Jan. 1979 (FMNH).
- PADRE LÓPEZ; Loreto ca. 0545/7440 (FMNH)
On Canal de Puinahua, Hocking, Nov. 1969 (FMNH).
- PAGAAT (MVZ); see Paagat.
- PAGANCHO; Huánuco ca. 0954/7609 (FMNH)
Zimmer site in valley in mountains E of Huánuco, also called Huánuco
Mountains, Zimmer, May-Aug. 1922 (FMNH); 12,200 ft [3,721 m], humid,
temperate, grass, bushes on slopes, stunted trees, moss in ravines,
Zimmer (Zimmer, 1930:237); see, also, Hacienda Shismay.
- PAGAT (MVZ); see Paagat.
- PAHARA (Vaurie, 1972:24); see Pahara, Laguna de.
- PAHARA, LAGUNA DE; Puno Not located
Perhaps = Laguna de Para at ca. 1635/7007, J. Kalinowski (Vaurie,
1972:24, as "Pahara"), variant Pajara; J. Kalinowski, July 1896 (Berlepsch
& Sztolcman, 1906:126).
- PAHUAL Not located
Collector ?, Apr. 1876 (MHNJP).
- PAIJÁN; La Libertad 0744/7919 (USBGN)
80 m (CNG); on Panamerican Highway (IGM); Lanyon, 5 km N (Lanyon,
1975:455); Río Chicama valley, Hocking, Feb. 1975 at 500-600 ft [152-
183 m] (FMNH).
- PAIMAS; Piura 0439/7956 (USBGN)
ca. 500 m, ca. 7 km SSE of Suyo on Río Quiroz (IGM); Vellard, 600 m,
Oct. 1955 (Berlioz, 1962:139).
- PAITA; Piura 0506/8107 (USBGN)
3 m (CNG); seaport (MHA); Markham, Jan. 1882 at ca. 0511S (Saunders,
1882:520, as "Payta"); Noble, July 1916 (Bangs & Noble, 1918b:452);
Garnot, Mar. 1823 (Lesson & Garnot, 1826:246, as "Payta"); Neboux
(Vaurie, 1972:25); H.-W. Koepcke, 1961:33; Verrill, Sept. 1920-Dec. 1921
(Verrill, 1923:303).
- PAITA, BAHÍA DE; Piura 0504/8105 (USBGN)
Coast of central Piura (MHA); Garnot, Mar. 1823 (Lesson & Garnot,
1826:258); Coker, Apr. 1907 (Coker, 1920:495); Markham, Jan. 1882
(Salvin, 1883:427); MacFarlane, July 1883 (MacFarlane, 1887:208).
- PAJARA (Vaurie, 1972:24); see Pahara.
- PALAMBA (Bond, 1945:20); see Palambra.

- PALAMBLA;** Piura 0523/7937 (USBGN)
Between Piura and Huancabamba in humid, subtropical zone, Carriker at 6,500 ft [1,985 m], June 1933 (Bond, 1945:20); Watkins, Sept.-Oct. 1922 from 3,900-6,500 ft [1,190-1,985 m] (Chapman, 1926a:79); a few km from Chanchaque on road to Huancabamba, no remaining forest, never very humid, contra Bond (Parker, in litt.).
- PALCA;** Junín 1121/7531 (USBGN)
2,739 m (CNG); Río Palca, 20 km NE of Tarma (MHA); Jelski (Taczanowski, 1884a:70); Weyrauch, Jan. 1942 (FMNH); M. Koepcke, Nov. 1955 near Palca in area of Río Tarma [ca. 1125/7542], 2,700-3,000 m (M. Koepcke, 1958:169); Weyrauch, Apr., Oct. 1942, 2,700 m (MHNJP).
- PALCA;** Tacna 1746/6957 (USBGN)
2,935 m (CNG); at ca. 1748/7003 (MHA); other maps (MAPA, IGM) locate at ca. USBGN coordinates; Garlepp (Vaurie, 1972:25); d'Orbigny (Hellmayr, 1921a:235).
- PALCA, RÍO;** Junín 1106/7519 (USBGN)
Rises in Tarma district, flows NE, joining Río Tulumayo to form Río Chanchamayo (MAPA).
- PALCAMAYO;** Junín 1118/7546 (USBGN)
3,339 m (CNG); on upper Río Palca, 25 km NW of Tarma (MHA); J. Kalinowski, July 1890 (Berlepsch & Sztolcman, 1896:324); Jelski (Taczanowski, 1884a:20); Vaurie's coordinate, 7457W, is probably error for 7547W (Vaurie, 1972:25); variant Palcaymayo.
- PALCAYMAYO** (Vaurie, 1972:25); see Palcamayo.
- PALCAZU;** Pasco ca. 0952/7509 (Lamas, in litt.)
Between Río Palcazu and Río Pichis, Hoffmanns (Hellmayr, 1907:38).
- PALETILLAS;** "Peru"
= Paletillas, Ecuador; Chapman (1920:106) erroneously placed it in Peru, and Vaurie (1972:25) in Piura.
- PALLAYPAMPA** (Taczanowski, 1874a:138); see Paltaibamba.
- PALLCA;** Amazonas Not located
Said to be in Río Curi-Yacu drainage, Sztolcman (Vaurie, 1972:25; see Curi-Yacu.
- PALMA** (Vaurie, 1972:25); see Hacienda Nuevo Loreto.
- PALMA;** Huánuco ca. 0922/7555 (FMNH)
Heller camp on Río Palma, a right bank affluent of Río Huallaga, ca. 30 km S of Tingo María [0909/7556 (USBGN)], Heller, Oct. 1922 (FMNH).
- PALMAL** Not located
Jelski, May 1876 (MHNJP); Raimondi (Taczanowski, 1884a:436).

- PALMITO;** Cajamarca Not located
ca. 2,500 m, section of Hacienda Taulis [= Taulis, ca. 0650/7910] (H.-W. Koepcke, 1961:33).
- PALOMINO** Not located
Guano island near Callao [1204/7709 (USBGN)], Tovar, 1962-1965 (Tovar, 1969:527).
- PALOQUEMADO** Not located
Hellmayr (Vaurie, 1972:25); Hellmayr did not collect in Peru (Plenge, in litt.).
- PALO SANTO;** Tumbes ca. 0348/8049 (H.-W. Koepcke)
Near Bocapán, M. Koepcke, Sept. 1950, Ortiz de la Puente, May 1951 (MHNJP); salt lagoon, SW of Zorritos (H.-W. Koepcke, 1961:33).
- PALPA;** Ica 1432/7511 (USBGN)
347 m (CNG); on Panamerican Highway and Río Grande (MHA); LSU party (LSUMZ); Ortiz de la Puente, Jan. 1952 (MHNJP).
- PALTAIBAMBA;** Cuzco ca. 1302/7250 (Lamas)
Near Idma [ca. 1253/7249 (MHA)], J. Kalinowski, Nov. 1894, June 1895 (Berlepsch & Sztolcman, 1906:73, as "Paltaypampa"); Vaurie's coordinates, ca. 1250/7212, have been corrected by Lamas (Lamas, 1976:21); Vaurie, 1972:25, as "Paltebamba," variant "Paltay-bamba"; see, also, Santa Ana.
- PALTAY-BAMBA** (Vaurie, 1972:25); see Paltaibamba.
- PALTAYPAMPA;** Cuzco (Berlepsch & Sztolcman, 1906:73); see Paltaibamba.
- PALTAYPAMPA;** Junín ca. 1120/7517 (Vaurie)
Coffee plantation on Río Aynamayo [= Río Vítoc], Jelski, Mar. 1872 at ca. 5,500 ft [1,678 m] (Taczanowski, 1884a:70); Vaurie, 1972:25.
- PALTEBAMBA** (Vaurie, 1972:25); see Paltaibamba.
- PALTO** (Vaurie, 1972:25); see Montaña de Palto.
- PAMPA AGUA SANTA** (Duffy & Atkins, 1979:219); see Agua Santa.
- PAMPA BLANCA** (M. Koepcke, 1961a:8); see Blanca, Pampa.
- PAMPA DE ARRIEROS;** Arequipa 1604/7135 (USBGN)
3,750 m (MHA); Carriker, Apr. 1931 (ANSP); Carriker, at 12,000 ft [3,660 m] (Bond, 1945:20); Garman (Allen & Garman, 1875:355); Vaurie, 1972:25, variant La Pampa de Arrieros.
- PAMPA DE BOMBÓN** (Dorst, 1956b:266); see Bombón, Pampa de.
- PAMPA DE CAPAZO** (Plenge, 1982:169); see Capazo, Pampa de.
- PAMPA DE DERRUMBE** (Berlepsch & Sztolcman, 1906:73); see Derrumbe, Pampa de.

PAMPA DE FELIPE (Vaurie, 1972:25); see Felipe, Pampa de.

PAMPA DE JUNÍN (Dorst, 1956b:267); see Junín, Pampa de.

PAMPA GALERAS (Brokaw, 1976); see Galeras, Pampa.

PAMPA HUAITIRI (Voge & Read, 1953:558); see Huaitiri, Pampa.

PAMPA JESÚS (Vaurie, 1972:25); see Jesús, Pampa.

PÁMPANO; Ica 1333/7530 (USBGN)
Pisco valley, above Huancano (MHA); W slope, W cordillera, ca. 4,000
ft [1,219 m], Carriker (Bond, 1955a:240).

PAMPAS DEL HEATH (Graham, et al., 1980:366); see Heath, Pampas del.

PAMPAS DEL SACRAMENTO (Vaurie, 1972:25); see Sacramento, Pampa del.

PAMPAS OF HUÁNUCO VIEJO (FMNH); see Huánuco Viejo.

PAMPAS, RÍO; Apurímac 1323/7315 (USBGN)
Rises ca. 1435S, flows N to ca. 1310S, then ESE to join Río Apurímac,
forming boundary of Apurímac and Ayacucho (IGM); Hocking, May, Oct.
1970 on river road near Chincheros [1327/7344 (USBGN)] at 6,000-6,500
ft [1,830-1,983 m] semi-desert brush (FMNH); Morrison, at various sites
in Pampas valley, see Ninabamba, Chumbes, Ahuayro, Pomayaco, Sept.-
Oct. 1939 (Morrison, 1948a:119).

PAMPAYACO (Vaurie, 1972:25); see Pampayacu.

PAMPAYACU; Huánuco 0933/7554 (USBGN)
Left bank, Río Huallaga drainage (MAPA as "Pampayaco"); Pöeppig
(Vaurie, 1972:25, as "Pampayaco").

PANAO; Huánuco 0949/7600 (USBGN)
1,846 m (CNG); town on Río Panao, right bank affluent of Río Huallaga
(MHA); Zimmer (Vaurie, 1972:25); see, also, Panao Mountains and
Pukagaga Mountain.

PANAO MOUNTAINS; Huánuco ca. 0950/7602 (FMNH)
Mountains W of Panao, Hocking, Nov. 1974 on puna above Panao at
12,000 ft [3,660 m] (FMNH); Chapman, 1927b:19; Zimmer, July 1922, at
10,300 ft [3,142 m] (Zimmer, 1924a:66); see, also, Pukagaga Mountain
and Panao.

PANCARTAMBO (Vaurie, 1972:26); see Paucartambo, Cuzco.

PANCARTANBO (Vaurie, 1972:26); see Paucartambo, Cuzco.

PANCASTAMBO (Vaurie, 1972:26); see Paucartambo, Cuzco.

PAN DE AZÚCAR; Huánuco ca. 0942/7600 (Hocking)
ca. 5-10 m NE of Acomayo [0946/7605 (USBGN)], subtropical forest,
Hocking, Feb. 1972 (FMNH).

- PAN DE AZÚCAR; Junín ca. 1108/7529 (LSUMZ)
Point at which a trail leaves Tarma/San Ramón highway, just NE of Huacapistana, upper tropical/lower subtropical in low mountains, LSU party (LSUMZ); "Río Tarma," Weyrauch, Apr. 1943 at 1,600 m (FMNH); "Chanchamayo," Ortiz de la Puente, Aug. 1951 (MHNJP); M. Koepcke, 1958:162; Gochfeld, Keith, Sept. 1972 (Snow and Gochfeld, 1977:122).
- PANGO (Vaurie, 1972:25); see San Martín de Pango.
- PANGO-MOYOBAMBA Not located
Collector ? (MHNJP).
- PANGUANA I; Huánuco ca. 0937/7457 (M. Koepcke)
Biological station near mouth of Río Lullapichis [= Río Yuyapichis], right bank of Río Pachitea affluent (IGM), M. Koepcke, May 1969, Weske, July-Aug. 1969 (MHNJP); M. Koepcke, 1972:139.
- PANTIACOLLA, CERRO DE (FMNH); see Pantiacolla, Cordillera del.
- PANTIACOLLA, CORDILLERA DEL; Madre de Dios 1235/7115 (USBGN)
Mountain ridge running NW to SE, paralleling Río Pantiacolla (MHA as "Cadena de Pantiacolla"); Fitzpatrick and Willard, July-Aug. 1980 on E slope at base of ridge at ca. 1240/7113, 5 km ENE of Shintuya, left bank of Río Alto Madre de Dios in tall, humid, somewhat mossy forest with dense understory at ca. 460 m, also July, Aug. 1980 on E slope near summit of ridge, at ca. 1240/7114, ca. 960-1,120 m in upper tropical forest and mossy elfin forest (FMNH as "Cerro de Pantiacolla").
- PAPA LEIN TRECE; Lima Not located
Collector ?, 5 km E of Pucusana [1229/7648 (USBGN)], 100 ft [31 m] (MVZ).
- PAPAYA, QUEBRADA (LSUMZ); see Papaya, Río.
- PAPAYA, RÍO; Loreto ca. 0258/7326 (IGM)
Tributary to left bank of Río Napo between Paleta and Negro Urco (IGM); LSU party, ca. 80 km N of Iquitos at 120 m, Aug. 1982 (Schulenberg, in litt.; LSUMZ).
- PAPA-YACU, LAGUNA; Loreto 0503/7625 (USBGN)
ca. 100 m, ca. 25 km NW of Jeberos (MHA); source of Río Aipena (MAPA); collector ? (FMNH).
- PAPAYAJÓ; Huánuco ca. 0945/7603 (FMNH)
Subtropical forest area, ca. 5-10 km NE of Acomayo, on trail to Zapatagocha, Hocking, Dec. 1971, Oct.-Dec. 1972, Apr. 1974 at 8,000 ft [2,440 m], Feb. 1973 (FMNH), variant Papayo; Hocking, Villar, July-Aug. 1972 (MHNJP as "Papayajo").
- PAPAYAL; Tumbes 0334/8014 (USBGN)
60 m (CNG); ca. 10 km S of Zarumilla (MHA); H.-W. Koepcke, 1961:33.
- PAPAYAYO (MHNJP); see Papayajo.

PAPAYO (FMNH); see Papayajo.

PARACAS; Ica 1349/7616 (USBGN)
2 m (CNG); coastal town (MHA); Ridoutt (Vaurie, 1972:25); Beck, June 1913, from Bahía de Pisco along bars and beaches to Paracas (Murphy, 1936:10); collector ?, 5 mi [8 km] SSW, sea level (MVZ); Graves, Plenge, Simon, June 1976, Graves, Schulenberg, July 1977, Graves, Oct. 1976 (Graves, 1981:75); see, also, Paracas, Bahía de, and Paracas, Península.

PARACAS, BAHÍA DE; Ica 1350/7617 (USBGN)
Off N shore of Paracas, Península (MHA); Ashmole and Tovar, July 1967 (Pearson & Plenge, 1974:629); Coker, Dec. 1906-Aug. 1908 (Coker, 1920:460); Markham, Oct. 1881 (Saunders, 1882:523); Murphy, Oct. 1919 (Murphy, 1921:25); Donahue and Peterson, Sept. 1978, Aug. 1979 (Donahue & Peterson, 1980:213); Vaurie, 1972:25; LSU party (LSUMZ); see, also, Paracas; Paracas, Península; and Pisco, Bahía de.

PARACAS, PENÍNSULA; Ica 1348/7624 (USBGN)
ca. 0-200 m (MHA); Coker, Dec. 1906-Aug. 1908 (Coker, 1920:511); see, also, Paracas, Paracas, Bahía de, and Pisco, Bahía de.

PARAÍSO, LAGO; Lima ca. 1110/7735 (FMNH)
Lake W of Panamerican Highway, between Salinas and Huacho, Hocking, June 1976 (FMNH).

PARAMONGA; Lima 1040/7750 (USBGN)
13 m (CNG); coastal town (MHA); large sugar plantation near mouth of Río Pativilca [1044/7748 (USBGN)], Carriker, Feb. 1932 (ANSP); Paramonga area, on Río Fortaleza at ca. 1035-1040S, Birdseye (M. Koepcke, 1961a:4); Birdseye, Nov. 1954, at Km 195, Panamerican Highway, N of Paramonga, also S of Paramonga on highway in Dec. 1954 (M. Koepcke, 1961a:9); H.-W. Koepcke, 1961:33.

PARANAPURA, RÍO; Loreto 0554/7606 (USBGN)
Tributary to left bank of Río Huallaga, joining at Yurimaguas (MHA); Sztolcman, all along river from mouth of Río Cachiyacu [0543/7628 (MHA)] to mouth of Paranapura (Vaurie, 1972:25); Bartlett (Sclater & Salvin, 1873b:253).

PARCAYCHACRA; Arequipa ca. 1555/7234 (Plenge, in litt.)
On road from Aplao [1605/7231 (USBGN)] to Chuquibamba [1550/7239 (USBGN)], M. Koepcke, Jan. 1956 at 1,900 m, cactus (MHNJP).

PARCOPAMPA; Ancash ca. 0954/7725 (Plenge)
ca. 3,500 m, Río Santa valley (MHA); Vaurie, 1972:25; S of Ticapampa [0945/7727 (USBGN)], but not on main road (Plenge, in litt.).

PARCOY; La Libertad 0758/7726 (USBGN)
3,126 m (CNG); ca. 37 km NNW of Tayabamba, right bank of Río Marañón drainage (IGM); collector ?, 2 km N, 6 km W (MVZ).

PARIACOTO; Ancash 0931/7753 (USBGN)
1,239 m (CNG); on Río Casma (MHA); C. Kalinowski, Mar. 1954 (FMNH);

M. Koepcke, Jan. 1955, cultivated fields between Pariacoto and Yaután [0931/7800 (USBGN)], Casma valley, Aug. 1956, 1,300 m (M. Koepcke, 1961a:10); LSU party (LSUMZ); collector ?, 1 km N, 12 km E, 8,000-8,500 ft [2,440-2,593 m] (MVZ).

PARIAHUANCA; Junín 1159/7456 (USBGN)
2,070 m (CNG); ca. 35 km ENE of Huancayo (MHA), on left bank affluent of Río Mantaro (MAPA); "Montaña de Huancayo," Raimondi (Taczanowski, 1884b:413).

PARIAYACU; Junín ca. 1118/7522 (Vaurie)
Near Maraynioc, J. Kalinowski, Nov.-Dec. 1891, June-Aug., Oct. 1892, Jan. 1893 (Berlepsch & Sztolcman, 1896:327); variant Parrayacu; Jelski (Taczanowski, 1884a:284); see, also, Pariayacu, Río.

PARIAYACU, RÍO; Junín Not located
ca. 11,000 ft [3,355 m], a tributary of Río Aynamayo [= upper Río Vítoc, 1110/7515 (USBGN)], Griswold (Peters & Griswold, 1943:284); see, also, Pariayacu.

PARIGUANA Not located
Collector ? (Vaurie, 1972:25).

PARIGUANA, LAGUNA Not located
Vaurie, 1972:25; may be in Arequipa at ca. 1510/7209 (Lamas, in litt.); collector ?, 13,500 ft [4,118 m], Dec., year? (Peters & Griswold, 1943:288).

PARINACOCHAS, LAGUNA DE; Ayacucho 1518/7341 (USBGN)
ca. 3,000 m, large lake ca. 85 km from Pacific Ocean, and ca. 13 km W of Nudo Sarasara [= Sara Sara, Nevado] (MHA); H.-W. Koepcke, near Incahuasi at 3,100 m, July-Aug. 1952 (Sanft, 1973:406); H.-W. Koepcke, 1961:33.

PARINARI CANYON; Loreto Not located
Could be any of four places, two towns and two islands, all within ca. 17 km of each other on Río Marañón between ca. 0426/7434 and ca. 0437/7427 (MHA); Hellmayr (Vaurie, 1972:25); probably = Canal de Parinari in front of Santa Cruz de Parinari [ca. 0440/7427 (IGM)] (Lamas, in litt.); Hellmayr did not collect in Peru (Plenge, in litt.).

PARIÑAS; Piura Not located
Collector ?, 7 km N and 5-15 km E of Talara [0434/8103 (USBGN)], 100 ft [31 m] (MVZ); probably = Pariñas, Punta [0440/8120 (USBGN)].

PARIÑAS, PUNTA; Piura 0440/8120 (USBGN)
Westernmost point in South America (MHA); H.-W. Koepcke, 1961:33; Murphy, 1936:102.

PARIÑAS, VALLE DE Not located
Brack Egg, 1970:189; probably = Río Pariñas, ca. 0430/8106 (Lamas, in litt.).

- PAROMA; Ica 1454/7445 (USBGN)
ca. 500 m, ca. 20 km S of Nazca (MHA); two dry river beds in Río Pajonal valley, Hocking, Mar. 1970 at 2,000 ft [610 m] (FMNH, as "Hacienda Poroma Alto").
- PARRAYACU (Berlepsch & Sztolcman, 1902:53); see Pariayacu.
- PASAMAYO; Lima 1137/7714 (USBGN)
ca. 900 m, hill sloping to sea S of mouth of Río Chancay (H.-W. Koepcke, 1961:33).
- PASCAMAYO Not located
Probably error for Pacasmayo (Sanft, 1973:407).
- PASCO (FMNH); see Cerro de Pasco.
- PASCO, DEPARTAMENTO DE 1030/7515 (USBGN)
W central Peru, bounded on N by Huánuco, on E by Ucayali, on S by Junín, and on W by Lima (MAPA); created in 1944.
- PASO ARICOMA (Brack Egg, 1969:28); see Aricoma, Abra.
- PASO LUCMA (Brack Egg, 1969:28); see Lucma-Cosireni Pass.
- PASS ON HUANCABAMBA-CANCHAQUE ROAD (LSUMZ); see Cruz Blanca.
- PASTAZA, RÍO; Loreto 0455/7624 (USBGN)
Rises in Ecuador, flows SE and S to left bank of Río Marañón (IGM); Bartlett (Taczanowski, 1886:265).
- PATAMBUCO; Puno 1416/6934 (USBGN)
3,400 m (CNG); ca. 20 km W of Sandia (MHA); upper Río Huarihuari, Río Inambari drainage (IGM); de Macedo, Aug. 1965, ca. 3,580 m, and in valley, ca. 2,500 m (MHNJP).
- PATAP Not located
Collector ? (Koepcke, 1958:144); probably = Pátapo, Lambayeque.
- PÁTAPU; Lambayeque 0644/7939 (USBGN)
ca. 100 m, ca. 22 km ENE of Chiclayo (MHA); Ortiz de la Puente, May 1951, 100 m, near Pátapo (MHNJP).
- PATARCOCHA, LAGUNA; Huánuco 1023/7644 (USBGN)
ca. 4,000 m, ca. 6 km W of upper Río Marañón (MHA); Ortiz de la Puente, May 1948, grassfields (MHNJP).
- PATÁS (Carriker, 1933:7); see Pataz.
- PATAZ; La Libertad 0744/7737 (USBGN)
2,780 m (CNG); right bank, Río Marañón valley (MHA); Carriker, June 1932 at 9,000 ft [2,745 m], also 10,000-11,000 ft [3,050-3,555 m] (Carriker, 1933:7, as "Patás"); Bond, 1955a:210, as "Patás."

- PATOCANCHA, LAGUNA; Junín ca. 1056/7558 (Lamas, in litt.)
Small mountain lake a few miles E of Lago de Junín, Carriker, Feb. 1931
at 14,000 ft [4,270 m] (Bond, 1947a:127; ANSP); Vaurie, 1972:26.
- PATOCHA; Junín Not located
Collector ?, Feb. 1943 (MHNJP).
- PATOPE Not located
Sztolcman (Vaurie, 1972:26); perhaps = Pátapo, Lambayeque [0644/7939
(USBGN)] (Lamas, in litt.).
- PATRICIA, ABRA (O'Neill & Graves, 1977:409); see Miguel, Pardo de.
- PATY, TRAIL TO (LSUMZ); see Hacienda Paty.
- PAUCAITAMBO (Vaurie, 1972:26); see Paucartambo, Cuzco.
- PAUCAL; Cajamarca ca. 0700/7910 (Vaurie)
Raimondi (Taczanowski, 1884b:160); Jelski (Vaurie, 1972:26); Raimondi,
July 1874 (MHNJP); M. Koepcke, 1958:159; Jelski [from Raimondi
collection] (Plenge, 1979:6); collector ?, 5,800-9,500 ft [1,768-2,896 m]
(Ridoutt, 1941:105).
- PAUCARBAMBA (Vaurie, 1972:26); see Paucartambo, Cuzco.
- PAUCARTAMBO; Cuzco 1318/7140 (USBGN)
2,906 m (CNG); ca. 42 km NE of Cuzco (MHA); Whitely, Aug. 1868, May-
July 1871 on route from Cuzco to Cosñipata at ca. 9,400 ft [2,865 m]
(Sclater & Salvin, 1873a:185); Garlepp (Vaurie, 1972:26); collector ?, 10
km N, 10,400 ft [3,172 m] (MVZ); Vaurie, 1972:26, lists variants
Pancartambo, Pancartanbo, Pancastambo, Paucartambo, Paucarbamba,
Paucatambo, and Paucartanbo.
- PAUCARTAMBO; Pasco 1053/7557 (USBGN)
4,200 m (CNG); town near source of Río Paucartambo (MHA); Dorst,
Paucartambo and valley, Dec. 1954 (Dorst, 1956b:271).
- PAUCARTANBO (Vaurie, 1972:26); see Paucartambo, Cuzco.
- PAUCATAMBO (Vaurie, 1972:26); see Paucartambo, Cuzco.
- PAUSA; Ayacucho 1516/7320 (USBGN)
2,524 m (CNG); MHA coordinates, 1523/7315, are wrong; J. Kalinowski,
Feb.-Apr. 1894 (Berlepsch & Sztolcman, 1906:63, as "Pauza").
- PAUZA (Berlepsch & Sztolcman, 1906:63); see Pausa.
- PAUZA, LOICHOS Not located
Kalinowski site located in Ayacucho by Berlepsch & Sztolcman and
Vaurie (Vaurie, 1972:20, as "Loichos, Pausa"); however, the date makes
this questionable as Kalinowski left Ayacucho in Apr. 1894 and went to
Cuzco, where he collected in the Santa Ana area [1252/7243 (USBGN)]
in Nov; Kalinowski, Nov. 1894 at 7,500 ft [2,290 m] (Berlepsch &

Sztolcman, 1906:66, 69); may be located in Cuzco near Pucyura [ca. 1329/7207] (Lamas, in litt.).

PAUZA, PUIURA; Ayacucho Not located
J. Kalinowski site, probably at or near Pausa [1516/7320 (USBGN)];
Kalinowski, Mar. 1894 (Berlepsch & Sztolcman, 1906:66).

PAYEÑTESOÑE (FMNH); see Peyñtesoñe.

PAYTA (Saunders, 1882:521); see Paita.

PEBAS; Loreto 0320/7149 (USBGN)
101 m (CNG); left bank of Río Amazonas (MHA); MHA latitude is ca. 0310S, but IGM and MAPA agree with USBGN; Castelnau and Deville, 1843-1847 (Deville, 1849:58); Hauxwell, Apr. 1867 (Chubb, 1918a:87); Orton, Hauxwell, Raimondi, La Mert, Layard, Bates and Hauxwell, Bartlett, Mounsey, Steere (Vaurie, 1972:26); variants Pebos and Pevas; Raimondi (Taczanowski, 1884a:189); Hauxwell (Sclater & Salvin, 1867b:977).

PEBOS (Vaurie, 1972:26); see Pebas.

PEÑABLANCA; Junín ca. 1103/7532 (FMNH)
ca. 15 km W of La Merced, Schunke, Sept. 1942 at 4,000 ft [1,220 m] (FMNH).

PEÑAS; Cuzco ca. 1310/7218 (LSUMZ)
3,240 m, village located along Ollantaitambo [= Ollantaytambo]/Quilabamba road, ca. 25 km by road NW of Ollantaitambo on SW slope, scrubby cloud forest mixed with alder in protected ravines, LSU party, Aug. 1974 (Parker & O'Neill, 1980:168).

PENDENCIA; Huánuco Not located
LSU party (LSUMZ).

PERENÉ; Junín 1058/7513 (USBGN)
ca. 1,000 m (MHA as "Colonia del Perené"); coffee plantation at junction of Ríos Paucartambo and Chanchamayo, Carriker & Newbold, Dec. 1929, Jan-Mar. 1930, 2,000-2,500 ft [610-763 m] (Bond, 1945:20; ANSP); Schunke, Apr.-May, July 1921 at 1,000 m (FMNH); Watkins (Vaurie, 1972:26); Zimmer, 1941a:15.

PERENÉ, RÍO; Junín 1109/7418 (USBGN)
Ríos Chanchamayo and Paucartambo unite to form upper Perené, which flows E to join Río Ene forming Río Tambo (MAPA); the names Chanchamayo, Perené, and Tulumayo have all been applied at various times to same river (Gardner & Patton, 1976:42); Simons, Mar. 1900, 800 m (Chubb, 1919b:18); see, also "The Camp."

PERICO; Cajamarca 0515/7845 (USBGN)
ca. 200 m, right bank of Río Chinchipe (MHA); Watkins, July 1923 (Zimmer, 1941c:21); Noble (Vaurie, 1972:26); Noble, Aug.-Sept. 1916 in dense woods in river valley and tropical arid land (Bangs & Noble,

1918b:445); Watkins, on Río Chinchipe, arid tropical zone, Aug. 1923 (Chapman, 1925a:13).

PEROLCOCHA; Ayacucho ca. 1249/7350 (LSUMZ)
On trail from Río Apurímac at Luisiana, to Tambo, just W of Uchuy Monte, Weske and Terborgh at ca. 3,610 m (LSUMZ).

PERUATÉ, RÍO; Loreto ca. 0342/7129 (MHA)
ca. 100 m, small affluent to left bank of Río Amazonas, W of Isla Peruaté (MHA); C. Kalinowski, Oct. 1957, at mouth (FMNH).

PESCADORES, ISLAS; Lima 1145/7729 (USBGN)
ca. 100 m, N of Callao Bay (MHA); Beck, May 1913 (Murphy, 1936:10); Coker, Dec. 1906-Aug. 1908 (Coker, 1920:511); Murphy, Dec. 1919 (Murphy, 1922:95); H.-W. Koepcke, 1961:33; Tovar, 1962-1965 (Tovar, 1969:527); see, also, Ancón.

PESCARA (Vaurie, 1972:26); see Pescora.

PESCORA Not located
Jelski (Vaurie, 1972:26); variant Pescara; Jelski (Taczanowski, 1886:143).

PETAS Not located
"Amazon River," probably error for Pebas, Herndon (Vaurie, 1972:26).

PEVAS (Vaurie, 1972:26); see Pebas.

PEYENÑESONE; Junín ca. 1043/7502 (FMNH)
Near Yurinaqui Alto [ca. 1047/7513], Hocking, Jan. 1974, Jan., Mar., June 1975 (FMNH), variant Payeñtesoñe.

PICAFLORES; Loreto, now Ucayali ca. 0803/7442 (Vaurie)
Tessmann (Vaurie, 1972:26).

PICCHUPICCHU, MT. (Parker, Parker & Plenge, 1982:89); see Pichupichu, Cerro.

PICHACANI; Puno 1606/7009 (USBGN)
ca. 4,500 m (IGM); Lago Titicaca drainage (MHA); J. Kalinowski, July 1896 at ca. 4,700 m (Berlepsch & Sztolcman, 1906:126).

PICHANA, QUEBRADA; Loreto 0331/7143 (USBGN)
Tributary to right bank of Río Marañón (MHA as "Río Pichanayacu"); Powlison, Sept.-Dec. 1968, Jan. 1969 (FMNH).

PICHANAYACU, RÍO (MHA); see Pichana, Quebrada.

PICHARI, RÍO; Cuzco ca. 1230/7348 (IGM)
Affluent to right bank of Río Apurímac (IGM); Cordillera Vilcabamba, M. Koepcke, Aug.-Sept. 1963, 880 m, 1,160 m, gallery forest (MHNJP).

PICHIS TRAIL; Pasco
Old trail from Perené [1058/7513 (USBGN)] to Puerto Jessup [= Puerto

Yessup, 1027/7454 (USBGN)]; Carriker and Newbold, Mar. 1930 at ca. 6,000 ft [1,830 m] at tambo, one day E of Eneñas [1045/7514 (USBGN)] at Km 71 and between Km 11 and Km 93 [not located], Jan. 1930 (ANSP); also called Camino Al Pichis (Lamas, 1976:18); Hocking, Dec. 1972 at 6,000 ft [1,829 m] (FMNH).

PICHUPICHU, CERRO; Arequipa 1629/7115 (USBGN)
ca. 5,600 m, ca. 30 km E of Arequipa (MHA); Parker, Parker, & Plenge, 1982:89, as "Mt. Picchupicchu").

PICHUPICHUNI; Puno Not located
8 km NW of Huacullani [1638/6920 (USBGN)]; collector ?, at 12,600 ft [3843 m] (MVZ).

PICO, PUNTA; Tumbes 0345/8048 (USBGN)
Point near Bocapán (IGM); M. Koepcke, Sept. 1950 (MHNJP).

PICOTANI; Puno 1433/6948 (USBGN)
4,390 m, N of Lago Titicaca (MHA); Sanborn, Sept. 1941 (FMNH).

PIEDRA GRANDE; Amazonas Not located
9,000 ft [2,745 m], on road to Chachapoyas [0613/7751 (USBGN)], Sztolcman (Taczanowski, 1884a:501).

PIEDRAS (Vaurie, 1972:26); see Piedras, Río de las.

PIEDRAS, RÍO (FMNH); see Piedras, Río de las.

PIEDRAS, RÍO DE LAS; Madre de Dios 1230/6914 (USBGN)
Rises in NW Madre de Dios, flows SE to join Río Madre de Dios at Puerto Maldonado (MAPA); Blake, Sept. 1958 at ca. 200 m, between mouth of Río de las Piedras and mouth of Río Inambari [1241/6944 (USBGN)] (FMNH as "Piedras, Río"); Bassler, upper Río Piedras (Vaurie, 1972:26, as "Piedras").

PILAHUATA (USBGN); see Pillahuata.

PILARES; Piura 0423/8028 (USBGN)
ca. 200 m (MHA); ca. 14 km NNW of Alamor (MAPA); 750 ft [230 m], small hills covered with prickly bushes, Watkins, June 1919 (Chapman, 1926a:14, 78).

PILCOMAYO; Junín 1203/7516 (USBGN as Pilcomay)
3,247 m (CNG); ca. 4 km W of Huancayo on Río Mantaro (IGM); Castro, Dec. 1969, 3,380 m (MHNJP as "Pte. Pilcomayo").

PILCOPATA; Cuzco ca. 1308/7110 (IGM)
ca. 1,000 m, ca. 12 km S of Madre de Dios boundary on road to Paucartambo (IGM); Fitzpatrick and Willard, above town, Oct. 1981 at 1,000-1,200 m (FMNH).

PILCOPATA, RÍO; Cuzco 1303/7110 (USBGN)
Rises in Cordillera Carabaya and flows N and E to join Río Cosñipata,

forming part of Río Madre de Dios drainage (MAPA); Raimondi (Vaurie, 1972:26).

PILLAHUATA; Cuzco 1308/7125 (USBGN)
Truck stop at Km 126 on Cosñipata highway in Cosñipata valley, ca. 45 km by road WSW of Pilcopata, Fitzpatrick and Williard, Nov.-Dec. 1981, 2,450-2,880 m in open brushy slopes and elfin cloud forest (FMNH); USBGN as "Pilahuata."

PILLAO; Huánuco 0940/7558 (USBGN)
ca. 2,500 m, on road ca. 12 km NE of Acomayo (MHA); Hocking, Sept. 1966 at 9,300 ft [2,835 m], Feb. 1975 (FMNH); LSU party (LSUMZ).

PIMENTEL; Lambayeque 0650/7957 (USBGN)
4 m (CNG); port near Chiclayo (MHA); Carriker, near Pimentel, May 1933 (Carriker, 1935:343); H.-W. Koepcke, 1961:34; Graves, on beach 2 km S, June 1978 (Schulenberg and Parker, 1981:210).

PIMPINCOS; Cajamarca 0556/7849 (USBGN)
450 m (CNG as "Pimpingos"); on Río Chamaya (MHA as "Pimpingos"); Sztolcman, Jelski (Vaurie, 1972:26, as "Pimpingos"); Carriker, in valley near Palta [= Montaña de Palto] between Pimpingos and Tambillo, 5,000 ft [1,525 m], Aug. 1933 (Bond, 1956:234); correct name Pimpingos (Lamas, in litt.).

PIMPINGOS (Vaurie, 1972:26); see Pimpincos.

PÍÑA; San Martín 0814/7653 (USBGN)
ca. 1,000 m, Río Mixiollo [= Río Mishollo] valley (MHA); Baer, Sept. 1900 at 1,200 m (Ménégaux, 1910b:319).

PINCOS; Apurímac 1335/7314 (USBGN)
Andahuaylas region, Hocking, Villar, Jan. 1979 (FMNH as "Bosque Pincos").

PINDUCUCHU; Amazonas/San Martín Not located
"Río de Pinducuchu" name given to section of Río Huambo [0704/7710 (USBGN)], Sztolcman (Vaurie, 1972:26).

PINQUEN, RÍO (FMNH); see Pinquina, Río.

PINQUIN, RÍO (MHA); see Pinquina, Río.

PINQUINA, RÍO; Madre de Dios 1213/7055 (USBGN)
Affluent to right bank of Río Manu (MHA as "Río Pinquin"); C. Kalinowski, Oct. 1960 at mouth, 400 m (FMNH as "Río Pinquen"); correct name Río Pinquen (Lamas, in litt.).

PINTOBAMBA; Cuzco Not located
MAPA shows two localities of this name on Río Urubamba, one at 1249/7244 (USBGN), the other at 1254/7240 (USBGN) (MAPA); MHA shows latter as Pintabamba; Castelnau and Deville (Vaurie, 1972:26); = Pintobamba Grande, 3,400 ft [1,035 m] at ca. 1251/7246 (Lamas, 1976:21); also as Grande Pintobamba.

PINTOBAMBA GRANDE (Lamas, 1976:21); see Pintobamba.

PIÓN; Cajamarca 0610/7830 (USBGN)
1,822 m (CNG); left bank, Río Marañón valley (MHA); located in
Cajamarca, not Amazonas, contra Vaurie; Sztolcman, between Pion and
Chachapoyas [0613/7751 (USBGN)] near Coccocho, ca. 0612/7821 (Vaurie,
1972:26).

PIQUITAMBA (Ménégaux, 1910b:319); see Piquitambo.

PIQUITAMBO; San Martín Not located
On Río Mishollo, N of Ongón [0816/7658 (USBGN)] (MF); Baer site,
located on Río Tocache [0809/7632 (USBGN)] by Ménégaux, but on Río
Mishollo [0801/7639 (USBGN)] by Zimmer and the MF departmental map
of San Martín, Baer, Sept. 1900 (FMNH); Baer, E of Cueva Seca, q.v.,
according to Zimmer (Vaurie, 1972:26); Baer, Sept. 1900 "along Río
Tocache" at 1,100 m (Ménégaux, 1910b:319, as "Piquitamba").

PIRURU; Huánuco ca. 0956/7555 (Hocking)
Panao region, Río Santo Domingo watershed, Hocking, Dec. 1974
(FMNH).

PISAC; Cuzco 1326/7151 (USBGN)
2,972 m (CNG); in Urubamba drainage ca. 11 km NE of Cuzco; junction
of arid temperate and puna zones, Watkins, Apr. 1916 at 10,060 ft [3,070
m] (Chapman, 1921b:15).

PISACOMA; "Arequipa" Not located
Perhaps = Pisacoma, Puno, Meyen (Vaurie, 1972:26).

PISACOMA; Puno 1655/6922 (USBGN)
3,915 m (CNG); upper Río Mauri Chico (IGM as "Pizacoma"); Sanborn,
Sept. 1941 (FMNH).

PISANA (Ménégaux, 1910b:319); see Puerto Pizano.

PISCO; Ica 1342/7613 (USBGN)
17 m (CNG); mouth of Río Pisco (MHA); Carriker, Feb. 1931? (Bond,
1945:20; 1955a:213); Hocking, Jan. 1974 (FMNH); LSU party (LSUMZ);
see, also, Pisco, Bahía de; H.-W. Koepcke, 1961:34; Watkins, Mar. 1920
(M. Koepcke, 1961a:5).

PISCO, BAHÍA DE; Ica 1345/7618 (USBGN)
Bay at Pisco (MHA); Watkins (Vaurie, 1972:26); Beck, June 1913, Murphy,
Nov. 1919 in cove of Paracas Península (Murphy, 1925b:2); Sanborn, July
1924, 5 mi [8 km] offshore and 35 mi [56 km] N (FMNH); bays with warm
water, Watkins, Mar. 1920 (M. Koepcke, 1961a:5); see, also, Paracas,
Bahía de.

PISCO, RÍO; Ica 1342/7615 (USBGN)
Rises in mountains in Huancavelica, flows WSW to Pacific (IGM); LSU
party, at mouth (LSUMZ); Oatman, Simon, Mar. 1977, lagoons 2 km S of
mouth (Oatman, Plenge & Simon, 1980:214); at the mouth, Graves,
Schulenberg, Sept., Oct. 1976, July 1977 (Graves, 1981:75).

PISCO BAY (Vaurie, 1972:26); see Pisco, Bahía de.

PISQUI, RÍO; Loreto 0745/7501 (USBGN)
Rises near San Martín border and flows generally NNE to join left bank
Río Ucayali (MAPA); Schunke (Vaurie, 1972:26); Zimmer, 1948a:25.

PITUMARCA; Cuzco 1359/7125 (USBGN)
3,570 m (CNG); one of three Whitely localities (others are Tinta and
Tungasuca) placed near each other on Río Vilcamayo by Sclater and
Salvin, but actually located on or near Río Vilcanota [1320/7158
(USBGN)]; Whitely, May-Aug. 1868 (Sclater & Salvin, 1869a:151); Vaurie,
1972:26.

PIURA Not located
"Dept. of Ayacucho," Kalinowski (Vaurie, 1982:26); possibly = Pauza,
Puiura, Ayacucho, also not located.

PIURA; Piura 0512/8038 (USBGN)
29 m (CNG); coastal plain, ca. 45 km inland (MHA); Simons, July 1899
at 50 m (Chubb, 1919b:3); 30 m, arid scrub, LSU party (LSUMZ); ca. 60
m on Río Piura (H.-W. Koepcke, 1961:34); collector ?, 5 km E, also 10
km by road E at 50 ft [15 m], and 8 km N, 8 km W at 100 ft [31 m]
(MVZ).

PIURA, DEPARTAMENTO DE 0500/8020 (USBGN)
NW Peru, bounded by Ecuador and Tumbes on N, Pacific on W,
Lambayeque on S, Cajamarca on E (MAPA); del Solar, Sept. 1977
(MHNJP).

PIURA, RÍO; Piura 0532/8053 (USBGN)
Rises in SE Piura, flows NW, then SW through city of Piura to Pacific
(IGM); C. Raymond, Aug., year? (FMNH); collector ?, 50 m (MVZ);
Vaurie, 1972:26.

PIYAI; Apurímac 1413/7241 (USBGN)
In Provincia de Grau, Hocking, Aug. 1976 at 11,000 ft [3,355 m] (FMNH
as "Piyay"); Río Hogonga, Hocking, Villar, Feb. 1977 at 10,800 ft [3,292
m] (FMNH).

PIYAY (FMNH); see Piyai.

PIZACOMA (IGM); see Pisacoma.

PIZANA (Vaurie, 1972:27); see Puerto Pizana.

PLATANAR; La Libertad ca. 0757/7840 (Vaurie)
ca. 1/2 day W of Otuzco, Baron at 4,500 ft [1,373 m] (Baron, 1897:7);
Vaurie, 1972:15, as "Hacienda Platanar"; Zimmer, 1937c:20.

PLATERÍA; Puno 1557/6949 (USBGN)
3,830 m (CNG); ca. 20 km S of Puno on highway to La Paz (IGM);
Spillman, Mar. 1948 (MHNJP).

- PLAYA CONCHAN;** Lima ca. 1214/7659 (Plenge)
A few km S of Lima, just S of Playa Mamacona, Tallman, Aug. 1972 (Plenge, 1974:326); arid littoral and associated beach, LSU party, Sept. 1976 (LSUMZ); Ortiz de la Puente, Oct. 1951 (MHNJP).
- PLAYA JAGUAY** (Plenge, 1974:327); see Jaguay.
- PLAYA VENTANILLA** (Plenge, 1974:326); see Ventanilla.
- PLAYÓN;** Piura ca. 0503/7922 (O'Neill & Schulenberg)
Wide spot on Zapalache/Namballe trail ca. 2 km S of El Carmen on Río Samaniego, LSU party, July 1978 at 5,500 ft [1,680 m] (LSUMZ); Eley, ca. 1,670 m, 1978 (O'Neill & Schulenberg, 1979:610).
- POBRE ALEGRE;** Loreto Not located
Village on lower Río Yavarí [0421/7002 (USBGN)], Peruvian side, up river from Attalaia do Norte, Brazil [0420/7012 (USBGN)], Remsen, July 1975 in small agricultural clearing at edge of "tierra firma" forest (Remsen, 1977:94).
- POCO TAMBO** (Bond, 1945:20); see Puca Tambo.
- POLANCO;** Ayacucho Not located
"S. Miguel, Tambo, Polanco." C. Kalinowski site, probably between San Miguel [1301/7358 (USBGN)] and Tambo [1256/7401 (USBGN)], C. Kalinowski, Nov. 1953 at ca. 3,500 m (FMNH).
- POMACANCHI, LAGUNA;** Cuzco 1402/7134 (USBGN)
3,679 m (CNG for town of Pomacanchi); near road to Acomayo (MHA); Hocking, Apr. 1970 at 13,000 ft [3,965 m] (FMNH); variant Pomacanchis, Lago.
- POMACANCHIS, LAGO** (FMNH); see Pomacanchi, Laguna.
- POMACOCHA, Amazonas** (MVZ); see Pomacochas, Laguna.
- POMACOCHA;** Junín 1146/7608 (USBGN)
ca. 4,500 m (MHA); small town and artificial lake in Río Yauli valley, puna grassland, LSU party (LSUMZ); collector ?, 14,212 ft [4,335 m] (MVZ); ca. 1149/7607 (Plenge, in litt.).
- POMACOCHAS, LAGUNA;** Amazonas ca. 0550/7755 (LSUMZ)
Lake NNW of Chachapoyas (IGM); originally mossy subtropical forest, now badly cut over, LSU party, at ca. 2,200 m W and E of Laguna Pomacochas (LSUMZ); collector ?, 15 km NE, 2,000 m, 5 km N, 5 km E, 6,000-6,500 ft [1,830-1,983 m] (MVZ as "Pomacocha").
- POMAHUACA;** Cajamarca 0556/7914 (USBGN)
ca. 1,500 m, on Río Quismache, Río Chamaya affluent (MHA); Vaurie, 1972:27.
- POMARÁ;** Amazonas 0516/7826 (USBGN)
ca. 500 m, left bank of Río Marañón (IGM); Watkins, "Maranon" (Vaurie, 1972:27); Chapman, 1926a:14; Zimmer, 1939a:10.

- POMAYACO; Apurímac Not located
ca. 9,000 ft [2,745 m], Río Pampas valley, ca. 1 1/2 hrs ride from Ahuayro [ca. 1322/7352 (Vaurie, 1972:6)], humid, temperate woods connecting with puna, Morrison, Nov. 1939 at 9,100 ft [2,780 m] (Morrison, 1947b:88).
- PONERO; Huánuco? Not located
"Montaña de Ponero," Zimmer wondered if this = Panao [0949/7600 (USBGN)], Raimondi (Vaurie, 1972:27); Raimondi (Taczanowski, 1884a: 376).
- PONGO, LOMAS DE; Arequipa 1522/7446 (USBGN)
Near Acarí, M. Koepcke, Jan. 1960 at 800 m (M. Koepcke, 1968:233).
- PONGO DE MANSERICHE (Vaurie, 1972:27); see Manseriche, Pongo de.
- POQUIURA (Vaurie, 1972:28); see Pucyura.
- PORCOM (Vaurie, 1972:27); see Hacienda Porcón.
- PORCULLA, ABRA DE; Piura ca. 0551/7931 (IGM)
2,145 m, Río Huancabamba drainage to E, Pacific drainage to W (IGM); humid temperate forest on E slope, arid temperate scrub on W slope, most natural vegetation destroyed, LSU party (LSUMZ); Carriker, 5,000-6,000 ft [1,515-1,830 m], May 1933 (Carriker, 1934:317, as "Porculla Pass, Lambayeque"; Bond, 1954a:56, as "Porculla"; Vaurie, 1972:27, as "Porculla Pass"); Markl, Lambayeque/Olmos road at 1,500 m, Apr. 1964 (MHNJP); H.-W. Koepcke, 1961:34, as "Porculla-Pass"; Graves, 2.8 km by road SW at 6,500 ft [1,983 m], Oct. 1977 (FMNH).
- PORCULLA-PASS (H.-W. Koepcke, 1961:34); see Porculla, Abra de.
- PORCULLA PASS, Lambayeque (Carriker, 1934:317); see Porculla, Abra de.
- POROTO; La Libertad 0801/7846 (USBGN)
ca. 500 m, ca. 30 km NE of Trujillo on Río Otuzco (MHA); Watkins, Apr. 1919 (M. Koepcke, 1961a:24); Naumburg, 1933:15.
- PORT ANCÓN (Vaurie, 1972:27); see Ancón.
- PORTERO (Vaurie, 1972:27); see Potrero.
- PORTO ARTURO (FMNH); see Puerto Arturo, Loreto.
- PORVATA; Puno Not located
Collector ?, 4 km NW of Porvata at 12,600 ft [3,843 m] (MVZ).
- POSCO; Arequipa 1702/7148 (USBGN)
Watkins (Vaurie, 1972:27); not on MHA, contra Vaurie.
- PÓSIC; San Martín 0559/7712 (USBGN)
820 m (CNG); on Río Negro ca. 20 km W of Moyobamba (MHA as "Tambo Río Negro"); Watkins (Vaurie, 1972:23, as "Negro").

POSO DE LAMBEDERO (Taczanowski, 1877a:319); see Lamedero.

POSOPATA (FMNH); see Pozopata.

POTIERO (Vaurie, 1972:27); see Potrero.

POTRERO; Cuzco ca. 1252/7245 (MHA)
ca. 2,000 m, ca. 5 km SW of Quillabamba (MHA); valley of Santa Anna
[= Santa Ana, Valley of], Whitely, 1868 at 4,500 ft [1,375 m] (Sclater &
Salvin, 1876:16); J. Kalinowski, Oct. 1894 (Berlepsch & Sztolcman,
1906:73); Vaurie, 1972:27.

POZO DE LAMBEDERO (Vaurie, 1972:27); see Lamedero.

POZOPATA; Huánuco ca. 0954/7555 (Hocking)
Panao region, Río Santo Domingo watershed, Hocking, Nov. 1974 at
9,000 ft [2,745 m] (FMNH, also as "Posopata").

POZO SANTO; Ica 1354/7605 (USBGN)
On Panamerican Highway, SE of Pisco (IGM); LSU party (LSUMZ).

POZUZO; Pasco, formerly Huánuco 1004/7532 (USBGN)
1,000 m (CNG); on Río Pozuzo, Ucayali drainage, left bank (MHA, in
Huánuco); Hoffmanns, Jan. 1902, May 1903, Apr. 1904 (FMNH); Hoff-
manns, Dec. 1903 (Brodkorb, 1939:135); Heller, Jan.-Feb. 1923 (FMNH);
800-900 m (Lamas, 1976:21); Brack Egg, 1970:168, as "Tozucu".

PRADO (MHNJP); see Tambo Quemado.

PREMISTO; Loreto, now Ucayali ca. 0905/7535 (IGM)
ca. 1,000 m, on tributary to Río Aguaytía, ca. 10 km SW of Aguaytía
(IGM); Schunke, Sept. 1947 at 900 m (FMNH); Schunke, humid, tropical
zone along river (Traylor, 1958:87).

PROVINCIA DE ARAQUEDA (Vaurie, 1972:27); see Araqueda.

PUCACURO (Vaurie, 1972:27); see Pacacuro, Lago.

PUCAGAGA, CERRO (Lamas, in litt.); see Pukagaga, Cerro.

PUCALLPA; Loreto, now Ucayali 0823/7432 (USBGN)
ca. 150 m, on left bank of Río Ucayali (MHA); Schunke, July 1947
(FMNH); humid, tropical zone, Schunke (Traylor, 1958:87); Hinsch, Nov.
1972, 59 km W of Pucallpa (Dickerman, 1975:19; 1976:80); Hocking, S of
city near Río Manantay [0826/7433 (USBGN)], Dec. 1963, Nov. 1964, July
1969 at ca. 500 ft [155 m] (FMNH); Hocking on Pucallpa/Tournavista
highway at Km 20, Sept. 1966 (FMNH); LSU party (LSUMZ); Ortiz de la
Puente at Pacococho, Mar. 1946 (MHNJP); Hocking, Dec. 1963, Km 4 on
Pucallpa to Lima highway (MHNJP).

PUCAMAYO (Vaurie, 1972:27); see Pacaymayo.

PUCAPAMPA; Huancavelica ca. 1300/7505 (Vaurie, 1972:27)
Extensive, rolling plain a little way below Talahuarra, Morrison, Oct.-
Nov. 1937 (Morrison, 1939b:460).

- PUCARÁ; Cajamarca 0600/7907 (USBGN)
903 m (CNG); on left bank of Río Chamaya (IGM); Chapman, 1926a:14;
Jelski, Watkins (Vaurie, 1972:27); LSU party (LSUMZ); collector ?, 1 km
W at 930 m (MVZ).
- PUCARÁ; Junín 1117/7515 (USBGN)
ca. 1,000 m, on Río Tulumayo (MHA); Kalinowski (Vaurie, 1972:27).
- PUCARÁ; Puno 1503/7022 (USBGN)
3,860 m (CNG); NW of Lago Titicaca (MHA); Watkins, July 1923
(Zimmer, 1941c:21); near Pucará, Hocking, Apr. 1970 at 13,000 ft [3,965
m] (FMNH).
- PUCARÁ, RÍO; Puno 1517/7010 (USBGN)
Rises S of Nudo de Vilcanota [1427/7058 (USBGN)] flows SE into N end
of Lago Titicaca (MHA); Watkins, at Pucará, July 1923 (Zimmer,
1941c:21).
- PUCATAMBO (Lamas, in litt.); see Puca Tambo.
- PUCA TAMBO; San Martín 0610/7716 (USBGN)
1,480 m, on trail from Chachapoyas to Moyobamba, Río Huallaga
drainage (MHA); Osgood and Anderson, June 1912 at 4,000 ft [1,220 m]
(FMNH as "Puco Tambo"); Raimondi (Vaurie, 1972:27); Carriker, at 5,200
-6,000 ft [1,585-1,830 m], Oct. 1933? (Bond, 1945:20); variant Poco
Tambo; correct name Pucatambo (Lamas, in litt.).
- PUCATANAN (FMNH); see Pucatranca.
- PUCATRANCA; Huánuco Not located
Temperate forest patch within 10 km of Acomayo [0946/7605 (USBGN)],
Hocking, Sept.-Oct. 1970, July, Oct. 1971, Dec., Jan. 1972, Jan., Mar.,
June 1973 (FMNH), variant Pucatanan; Hocking, Villar, Dec. 1971
(MHNJP).
- PUCAURCO, RÍO; Loreto, now Ucayali 0934/7249 (USBGN)
Left bank of Río Yuruá affluent (MHA as "Río Pucayacu" or "Putay");
Schunke, June 1940 (MHNJP as "Pucayacu"); FMNH as "Pacayacu."
- PUCAYACU, RÍO (MHNJP); see Pucaurco, Río.
- PUCO TAMBO (FMNH); see Puca Tambo.
- PUCUSANA; Lima 1229/7648 (USBGN)
15 m (CNG); coastal town ca. 60 km SE of Lima (MHA); H.-W. Koepcke,
July 1951 (Sanft, 1970:349); de Macedo, Oct. 1972 (MHNJP); H.-W.
Koepcke, 1961:34.
- PUCYURA; Cuzco 1329/7207 (USBGN)
3,351 m (CNG); MHA as "Puquiura"; ca. 20 km W of Cuzco (IGM); Vaurie,
1972:28, as "Puquiura," variant "Poquiura."
- PUEBLO CHAMICUROS (Vaurie, 1972:10); see Chamicuros.

- PUEBLO LIBRE;** Lima 1205/7704 (USBGN)
Sea level, section of Lima (MHA as "Magdalena"); not to be confused with adjoining district of Magdalena del Mar [1206/7705 (USBGN)] (Plenge, in litt.); J. Kalinowski, Mar. 1890 (Berlepsch & Sztolcman, 1892:395, as "Magdalena Vieja"); Vaurie, 1972:21, as "Magdalena Vieja."
- PUEBLO NUEVO;** Junín 1110/7516 (USBGN)
ca. 500 m at confluence of Río Vítoc and Río Tulumayo (MHA); known locally as Vítoc and sometimes referred to as Chanchamayo (Gardner & Patton, 1976:42); see, also, Vítoc, Montaña de.
- PUEBLO NUEVO;** La Libertad (MHNJP); see Pueblo Nuevo de San Ildefonso.
- PUEBLO NUEVO DE SAN ILDEFONSO;** La Libertad 0711/7931 (USBGN)
ca. 100 m (MHA); Cárdenas, Jan. 1966 (MHNJP as "Pueblo Nuevo").
- PUELLAS;** Pasco ca. 1040/7506 (LSUMZ)
750 m, Km 41 of Villa Rica/Puerto Bermúdez highway, LSU party, Apr. 1982 (LSUMZ).
- PUENTA MONDACA** (MHNJP); see Puente Mundaca.
- PUENTE CHAO;** La Libertad ca. 0832/7840 (Hocking)
Sea level, Panamerican Highway, ca. 15 km SSE of Virú (IGM); Chao valley, Hocking, Martínez, Feb. 1975 at 600 ft [183 m] (FMNH).
- PUENTE CUNYAC;** Apurímac/Cuzco ca. 1334/7235 (Plenge)
Bridge over Río Apurímac on Apurímac/Cuzco border on road from Abancay to Cuzco (Plenge, in litt.); LSU party (LSUMZ).
- PUENTE HERMOSA;** Lima Not located
Presumably on coast since surfbirds were seen, Graves, Aug. 1977 (Graves, 1981:76, as "Pte. Hermosa").
- PUENTE MUNDACA;** Cajamarca ca. 0650/7910 (MHNJP)
Below Taulís, M. Koepcke, Feb.-Mar. 1952 at ca. 900 m (M. Koepcke, 1961a:26); bridge over Río Saña below La Florida (H.-W. Koepcke, 1961:34).
- PUENTE PIEDRA;** Lima ca. 1150/7707 (IGM)
184 m (CNG); ca. 12 km N of Lima, near mouth of Río Chillón (IGM); H.-W. Koepcke, 1961:34, as "Puente Piedras."
- PUENTE PIEDRAS** (H.-W. Koepcke, 1961:34); see Puente Piedra.
- PUENTE SAN MIGUEL** (Brack Egg, 1970:211); see San Miguel Bridge.
- PUENTE TRAPICHE,** Lima (MHNJP); see Trapiche.
- PUENTE YANANGO;** Junín ca. 1118/7528 (FMNH)
5,300 ft [1,615 m], on Río Palca, a few km E of Huacapishtana [= Huacapistana], Hocking, Oct. 1965, June 1970, 5,300 ft [1,615 m], also at Puente Yanango Mountains, Oct. 1965 at 6,000 ft [1,830 m] and 7,000 ft [2,135 m] (FMNH).

- PUENTE YANANGO MOUNTAINS (FMNH); see Puente Yanango.
- PUERTO AMAZONAS Not located
Collector ? (Bond, 1955a:212).
- PUERTO ARTURO; Loreto 0550/7603 (USBGN)
ca. 100 m, ca. 16 km N of Yurimaguas, on Río Huallaga (MHA);
Anderson, Sept.-Oct. 1912 (FMNH as "Porto Arturo").
- PUERTO ARTURO; Puno ca. 1420/7015 (MHA)
ca. 4,500 m, Lago Titicaca drainage, in Cordillera Carabaya (MHA);
Sanborn, Feb. 1942 at 13,750 ft [4,195 m] (FMNH); Zimmer, 1935a:16.
- PUERTO BERMÚDEZ; Pasco 1020/7454 (USBGN)
450 m (CNG); on Río Pichis (MHA); humid, tropical zone, Zimmer, Mar.
1923 at 1,100 ft [335 m] (Zimmer, 1930:239).
- PUERTO BUENA VISTA; Madre de Dios ca. 1254/7109 (Lamas, in litt.)
C. Kalinowski, Oct. 1954 at 550 m (MHNJP as "El Carbón" and "El
Tarbón").
- PUERTO CABALLAS; Ica 1457/7530 (USBGN)
Formerly Nasca; coastal town (MHA as "Nasca"); Vaurie, 1972:23, as
"Nasca."
- PUERTO CASMA; Ancash 0928/7824 (USBGN)
Seaport ca. 8 km W of Casma (MHA); H.-W. Koepcke, 1961:34; Ortiz de
la Puente, Apr. 1957 (MHNJP); variant Laguna Puerto Casma.
- PUERTO CASMA, LAGUNA (MHNJP); see Puerto Casma.
- PUERTO CHALA (H.-W. Koepcke, 1961:28); see Chala.
- PUERTO CHICAMA; La Libertad 0742/7927 (USBGN)
Sea level, ca. 15 km WNW of Paiján (MHA as "Malabrigo" or "Puerto
Chicama"); Hocking, Martínez, Mar. 1976 (FMNH).
- PUERTO CHUCHURRAS (Vaurie, 1972:12); see Chuchurras.
- PUERTO DEL MONTE; San Martín ca. 0732/7729 (LSUMZ)
ca. 35 km NNE of Patay, La Libertad [0744/7737 (USBGN)], LSU party,
3,250 m, July-Aug. 1981 (LSUMZ).
- PUERTO ENRIQUE; Loreto 0554/7459 (USBGN)
ca. 100 m, Canal de Puinahua (MHA); Zimmer (Vaurie, 1972:27); Zimmer,
Mar. 1923 (Zimmer, 1930:235, as "San Enrique").
- PUERTO ETEN; Lambayeque 0656/7952 (USBGN)
5 m (CNG); LSU party 3 km NW, Aug. 1979 (Schulenberg & Parker,
1981:213); Williams, in desert along highway between Puerto Eten and
Panamerican Highway, Sept. 1978 (Williams, 1981b:183); 3 km N,
Williams, Nov. 1978, nearby, Schulenberg, et al., Nov. 1978, Oct. 1979
(Graves, 1981:76); see, also, Villa Eten.

- PUERTO GALILEA;** Amazonas ca. 0345/7745 (FMNH)
West bank of Río Santiago, on bend in river, Hocking, Dec. 1965 at 800 ft [244 m], M. Wajai (for Hocking), Mar. 1965-Dec. 1966, B. Unkuch (for Hocking), Aug. 1965 (FMNH).
- PUERTO HUICTE;** San Martín ca. 0821/7619 (Lamas, in litt.)
Left bank of Río Huallaga, just N of Huánuco border (IGM); Ortiz de la Puente (MHNJP, also as "Puerto Huicto").
- PUERTO HUICTO (MHNJP);** see Puerto Huicte.
- PUERTO INDIANA;** Loreto ca. 0328/7303 (MAPA)
105 m (CNG); ca. 32 km up Río Amazonas, on left bank, from its confluence with Río Napo (MAPA); Carriker (Bond, 1945:20); Olallas, June-Aug. 1926 (Zimmer, 1950c:26); Zimmer locates at mouth of Río Napo [0320/7240 (USBGN)]; IGM as "Indiana."
- PUERTO MAIRO;** Pasco, formerly Huánuco 0953/7514 (USBGN)
ca. 2,000 m, above confluence of Río Mairo and Río Palcazu (MHA); Heller, Feb. 1922 (FMNH as "Puerto Mayro"); Raimondi, Ridoutt (Vaurie, 1972:21), variant Mairo; Lamas, 1976:21, also as "Meyro."
- PUERTO MALDONADO;** Madre de Dios 1236/6911 (USBGN)
189 m, at confluence of Ríos Tambopata and Madre de Dios (MHA); Blake, Sept. 1958 (FMNH); most LSUMZ localities are W of town on road to Quince Mil, Cuzco [1316/7038 (USBGN)], lowland tropical forest with long dry season (June-Sept.), LSU party (LSUMZ).
- PUERTO MÁNCORA (MHA);** see Máncora.
- PUERTO MÁRQUEZ (Vaurie, 1972:27);** see San Márquez.
- PUERTO MAYRO (FMNH);** see Puerto Mairo.
- PUERTO MELÉNDEZ;** Loreto 0427/7731 (USBGN)
ca. 500 m, on Río Marañón, ca. 10 km E of Loreto/Amazonas border (IGM); Schunke (Vaurie, 1972:27).
- PUERTO PARDO;** Madre de Dios 1231/6841 (USBGN)
ca. 100 m, left bank (Peruvian side), Río Heath at junction with Río Madre de Dios (MHA); lowland tropical forest, LSU party (LSUMZ).
- PUERTO PISANA (IGM);** see Puerto Pizana.
- PUERTO PIZANA;** San Martín 0802/7639 (USBGN)
ca. 400 m, at junction of Río Mixiollo [= Río Mishollo], and Río Huallaga (MHA); Baer, Oct. 1900 at 400 m (Ménégaux, 1910b:319 as "Pisana"); IGM as "Puerto Pisana."
- PUERTO PIZARRO;** Tumbes 0329/8023 (USBGN)
Coastal town on Bahía de Tumbes (MHA); Ortiz de la Puente, May 1951, near Tumbes (M. Koepcke, 1961a:6); LSU party (LSUMZ); H.-W. Koepcke and M. Koepcke, Sept., Oct. 1950 (MHNJP); Parker, Rutherford, and

Thomas, Nov. 1974, Sept. 1977, June 1979 (LSUMZ); H.-W. Koepcke, 1961:34.

- PUERTO PUMACAHUA; Loreto Not located
"Río Ucayali," Schunke, Mar., May 1938, 108 m (FMNH); right bank of Río Ucayali, between Bagazán [not located] and Requena [0458/7350 (USBGN)] (Lamas, in litt.).
- PUERTO TAMBORAPA; Cajamarca 0524/7846 (USBGN)
Not on our maps; N of Shumba, on Río Tabaconas (Plenge, in litt.); Watkins (Vaurie, 1972:32); Carriker, 4,000 ft [1,220 m], E of Huanacabamba, Aug. 1933? (Bond, 1945:21, as "Tamborapa"); collector ?, 5 mi [8 km] S, 2,300 ft [702 m], and 2.5 mi [4 km] S at 2,000 ft [610 m] (MVZ).
- PUERTO VICTORIA; Pasco 0954/7458 (USBGN)
ca. 100 m, village near confluence of Río Pichis and Río Palcazu, forming Río Pachitea (MHA); Heller, Mar. 1923 (FMNH); Weyrauch, Oct. 1960, at ca. 350 m (MHNJP).
- PUERTO VIEJO; Lima ca. 1233/7643 (LSUMZ)
Marshy area, 75 km S of Lima, Plenge, Nov. 1971 (Plenge, 1974:327); arid littoral with scattered vegetation bordered ponds behind beach, LSU party at Chilca (LSUMZ); Lagunas de Chilca, LSU party at sea level, May 1968 (O'Neill, 1969:8); collector ? (MVZ).
- PUERTO YESSUP; Pasco 1027/7454 (USBGN)
ca. 300 m, on Río Azupizu, affluent of Río Pichis (MHA); head of canoe navigation on Pichis trail (Bond, 1945:20); Carriker, in mixed terrain, brush, vines, and forest, Jan., Feb. 1930, 1,000 ft [305 m] (Carriker, 1930:367; ANSP).
- PUESTO LECHUGAL; Tumbes 0337/8012 (USBGN)
On Río Zarumilla, Jelski and Sztolcman, Feb.-Mar., Oct. 1876 (Taczanowski, 1877a:319, as "Lechugal"); Jelski, Raimondi (Vaurie, 1972:20, as "Lechugal" or "Lechura"); "C. H. Wanton", 1944 (M. Koepcke, 1962a:272); Raimondi (Taczanowski, 1884a:137, as "Lechugal"); H.-W. Koepcke, as "Lechugal"; "Manton", Dec. 1944 (Morrison, 1948c:132, as "Lechugal").
- PUINAHUA, CANAL DE; Loreto 0520/7413 (USBGN)
ca. 150 m (MHA); Río Ucayali canal, W of river from ca. 0510S to ca. 0557S (IGM); Hocking collected along the S 1/3 of canal, from Liberal, at ca. 0533S to Bolívar on Río Ucayali at ca. 0557S; other sites are from N to S, Bolívar at 0535S [not the Bolívar above], Victoria, Padre Lopez, Oberero, Oceania, Hocking, 1968-69 (FMNH).
- PUIURA; Ayacucho Not located
Probably near Pausa [1557/7320 (USBGN)]; J. Kalinowski, Mar. 1894 at "Pauza, Puiura," (Berlepsch & Sztolcman, 1906:66); Vaurie, 1972:27; may = Pucyura, Cuzco (Lamas, in litt.), but in Mar. 1894 Kalinowski was in Ayacucho.

- PUJUNI; Puno** Not located
Probably near Pichacani [1606/7009 (USBGN)], according to date, J. Kalinowski, July 1896 (Berlepsch & Sztolcman, 1906:126); Vaurie, 1972: 27.
- PUKAGAGA, CERRO; Huánuco** ca. 1000/7600 (Lamas in litt.)
"Quechua name for Quebrada Colorado," in same valley as Panao, humid temperate and subtropical, Zimmer, July 1922 at 10,300 ft [3,140 m] (Zimmer, 1930:237).
- PULLANGO, RÍO** (Chapman, 1926a:78); see Tumbes, Río.
- PUMACOCOA, LAGUNA; Junín** Not located
Puna lake near Carhuamayo [1055/7602 (USBGN)] according to dates, Ortiz de la Puente, Nov. 1947, near Pumacocha at 4,400 m (MHNJP); M. Koepecke, 1965:158.
- PUMA DE IDMA** (Vaurie, 1972:18); see Idma.
- PUMAHUASI; Huánuco** ca. 0904/7540 (Lamas)
NNE of Tingo María; LSU party (LSUMZ); 2,200 ft [671 m] (Lamas, 1976:22, as "Hacienda Puma Huasi").
- PUMAMARCA; Cuzco** Not located
Near Ollantaitambo [= Ollantaytambo, 1316/7216 (USBGN)], Heller (Vaurie, 1972:27).
- PUMAMARCA; Junín** Not located
Probably in Río Huasahuasi valley; farm near Acancocha [= Acaricocha, 1109/7546 (USBGN)], Jelski, 1872, Mar. 1873 at 6,000 ft [1,830 m] (Taczanowski, 1874a:140; 1884a:72); Sztolcman, Raimondi (Vaurie, 1972: 27); Raimondi (Taczanowski, 1884a:222).
- PUMATALES; Cuzco** ca. 1316/7221 (Chapman)
Hacienda ca. 1/2 way down Huarcocondo Canyon, used as camp by Chapman Expedition, July 1916, ca. 10,000 ft [ca. 3,050 m] (Chapman, 1921b:16).
- PUMA-URCU; Amazonas** ca. 0616/7751 (Vaurie)
Town near Chachapoyas, Ruschi, Nov. 1962 at 3,000 m (MHNJP); Sztolcman, 9,000 ft [2,745 m] in forest, ca. 4 km S of Chachapoyas (Taczanowski, 1884a:68); Montaña de Puma-Urcu, Jelski (Vaurie, 1972: 27).
- PUNCARACAY RUINS** (Vaurie, 1972:27); see Runcaraccay Ruins.
- PUNCO (LSUMZ);** see Puncu.
- PUNCO, QUEBRADA; Ancash** Not located
S of Yanac near Tutapac Quebrada [ca. 0840/7749 (LSUMZ)], LSU party (LSUMZ).
- PUNCU; Ayacucho** ca. 1247/7349 (Vaurie, Weske, & Terborgh)
On trail from Río Apurímac at Hacienda Luisiana [= Luisiana] to Tambo

(LSUMZ as "Punco"); ca. 30 km NE of Tambo, O'Neill, Weske, and Terborgh, July, Aug. 1968, July 1970, at 3,370 m (Vaurie, Weske, & Terborgh, 1972:143).

PUNCUIOS; Cuzco Not located
Probably near Idma [ca. 1253/7249 (MHA)]; "Puncuios, Puna de Idma," Kalinowski (Berlepsch & Sztolcman, 1906:73); Vaurie, 1972:27; see, also, Idma.

PUNGA TAPICHE; Loreto 0614/7402 (USBGN)
Bassler (Vaurie, 1972:28); = Punga, Río Tapiche (Lamas, in litt.); = mouth of Quebrada Punga on Río Tapiche at above coordinates.

PUNO; Puno 1550/7002 (USBGN)
3,827 m (CNG); J. Kalinowski, Dec. 1895, Mar.-Aug. 1896 (Berlepsch & Sztolcman, 1906:126); J. A. Smyth, Apr. 1938, Feb. 1939 (FMNH); Cherric, Jan. 1915 (FMNH); Raimondi (Taczanowski, 1886:366); LSU party (LSUMZ); Dorst, Mar. 1955 (Dorst, 1956a:444); Carriker, Jan. 1931? (Bond, 1955a:214); date doubtful, as Carriker was in Pasco and Junín in Jan. 1931; see, also, Puno, Bahía de.

PUNO, BAHÍA DE; Puno ca. 1545/6955 (MHA)
W shore of Lago Titicaca near Puno (MHA); H.-W. Koepcke and M. Koepcke, near Chucuito [1553/6953 (USBGN)], Feb.-Mar. 1953 at 3,900 m (Sanft, 1973:407); Holmes (Vaurie, 1972:28).

PUNO, DEPARTAMENTO DE 1500/7000 (USBGN)
SE Peru, bounded by Bolivia on E, Madre de Dios on N, Cuzco and Arequipa on W, Moquegua and Tacna on S (MAPA).

PUNO HUACOCUYO; Puno Not located
Probably near Puno [1550/7002 (USBGN)] and Pichacani [1606/7009 (USBGN)] according to date; J. Kalinowski, July 1896 (Berlepsch & Sztolcman, 1906:126).

PUNO-MOQUEGUA CARRETARA Not located
"ca. 40 km from Laraqueri [not located], ca. halfway from Puno [1550/7002 (USBGN)] to Moquegua [1712/7056 (USBGN)]," Schunke, June 1948 at 4,470 m (MHNJP).

PUNO PÁRAMO; Ancash Not located
Chubb locates this in Ancash, but also gives coordinates as 1600/7000, placing it in department of Puno; Simons, however, was in Ancash at Tecapampa [= Ticapampa, 0945/7727 (USBBN)] on Dec. 20, 1899; Simons, 20 Dec. 1899 at 4,000 m (Chubb, 1919b:4); if date wrong, probably = páramo near Puno (Lamas, in litt.).

PUNO-TACNA CARRETERA; Puno Not located
Road from Puno [1550/7002 (USBGN)] to Tacna [1801/7015 (USBGN)] (IGM); Blancas, Mar. 1948 at 4,100 m in rocks, and Spillman, Mar. 1948 at 4,500 m at lake (MHNJP); specific localities not known.

PUNTA AGUJA; Piura ca. 0548/8107 (H.-W. Koepcke)
N point of Cerro Illescas peninsula (H.-W. Koepcke, 1961:34).

- PUNTA DE BOMBÓN; Arequipa 1711/7148 (USBGN)
9 m (CNG); town near mouth of Río Tambo (MHA); Carriker (Bond, 1945:19, as "La Punta"); Vaurie, 1972:20, as "La Punta de Bombon."
- PUNTA DE ESPERANZA (O'Neill and Parker, 1976:140); see Esperanza, Huánuco.
- PUNTA ESPERANZA (FMNH); see Esperanza, Huánuco.
- PUNTA LOBERIA (Coker, 1920:511); see Lobos, Punta.
- PUNTA NEGRA; Piura ca. 0606/8109 (H.-W. Koepcke)
Rocky point at S end of Illescas peninsula (H.-W. Koepcke, 1961:34); M. Koepcke, 1958 (M. Koepcke, 1961a:5).
- PUNTA SAL; Tumbes ca. 0358/8058 (IGM)
Sea level (MHA); coastal town N of Máncora, M. Koepcke, Oct.-Nov. 1950, Feb. 1962 (MHNJP); Ortiz de la Puente, May 1951 (MHNJP); H.-W. Koepcke, 1961:34.
- PUNTA TRIC TRAC (MVZ); see Tric Trac.
- PUNTA TUR; Piura ca. 0600/8110 (H.-W. Koepcke)
Rocky point on Cerro Illescas peninsula (H.-W. Koepcke, 1961:34).
- PUNTAYACO (Dicc. Geogr.); see Puntoyacu.
- PUNTAYACU (Lamas, in litt.); see Puntoyacu.
- PUNTILLA (MHNJP); see La Puntilla.
- PUNTOYACU; Junín ca. 1110/7524 (Vaurie)
Narrow place in head of valley of Río Chanchamayo (Dicc. Geogr. as "Puntayaco"); Simons, Apr. 1900 at 1,200 m (Chubb, 1919b:4); Raimondi (Vaurie, 1972:28); Puntayacu is correct spelling (Lamas, in litt.).
- PUQUIO; Ayacucho 1442/7408 (USBGN)
3,214 m (CNG); on Río Acarí, Pacific drainage (MHA); Vaurie, 1972:28; Hocking, July 1977, at Lomas de Puquio, 15 km above Puquio at 12,000 ft [3,658 m] (FMNH); collector ?, 10 mi [16 km] WNW, 13,000 ft [3,965 m] at Pampa Galeras, 15 mi [24 km] WNW, 12,000 ft [3,660 m], 5 mi [8 km] NW, 11,500 ft [3,508 m] (MVZ).
- PUQUIURA (Vaurie, 1972:28); see Pucyura.
- PURÚS, RÍO; Ucayali 0342/6128 (USBGN)
Rises in Ucayali, flows NE, and enters Brazil at ca. 0932/7035 (IGM).
- PUSHAGA, RÍO; Loreto ca. 0400/7720 (Hocking)
Short tributary to left bank of Río Morona [0445/7704 (USBGN)], C. Kalinowski, Feb. 1957 at 220 m (FMNH); Hocking, July-Aug. 1955 (FMNH); may = Puchuya [0356/7714 (USBGN)], formerly Río Pushagua (USBGN).

PUTINA; Puno 1455/6952 (USBGN)
ca. 4,000 m, ca. 35 km E of Azángaro (MHA); Dorst, Feb. 1955 (Dorst,
1956a:441); LSU party (LSUMZ).

PUYANGO, RÍO; see Tumbes, Río.

PUYASCU (Vaurie, 1972:28); see Puyas-Yacu.

PUYAS-YACU; Junín ca. 1115/7520 (Vaurie)
Near Maraynioc, J. Kalinowski, July-Aug. 1892 (Berlepsch & Sztolcman,
1896:342); Vaurie, 1972:28, variant Puyascu; Zimmer, 1951a:35, also as
"Tuyasyacu."

QUELLACOTA; Puno Not located
Collector ?, 35 mi [56 km] S of Ilave [1605/6940 (USBGN)], 13,000 ft
[3,965 m] (MVZ).

QUELLO-QUELLO; Puno ca. 1510/6928 (Plenge, in litt.)
H.-W. Koepcke, Mar. 1953 near Quello-Quello, Lago Titicaca, at ca.
4,000 m (Sanft, 1970:346).

QUENEQUE; Puno 1414/6924 (USBGN)
ca. 2,000 m, town ca. 6 km NE of Sandia on Río de Sandia, Dorst, Nov.
1960 (Dorst, 1961:569).

QUENUAHUASI; Ayacucho Not located
ca. 15 km N of National Vicuña Reserve in Pampa Galeras [1440/7423
(USBGN)], Brokaw, in woods, Aug.-Sept. 1974 (Brokaw, 1976:28).

QUEÑUANI Not located
In Azángaro [probably = Azángaro, Provincia de, 1450/7010 (USBGN)],
Puno, 4,000 m (M. Koepcke, 1958:178).

QUERECOTILLO (Vaurie, 1972:28); see Querocotillo.

QUEROCOCHA, LAGUNA; Ancash Not located
M. Koepcke, 1963b:13, records a specimen of *Phrygilus alaudinus*
bipartitus from here; possibly = Corococha, L. (MHA) [= Conococha,
Lago, 1005/7716 (USBGN)], between 3,500-4,000 m (MHA).

QUEROCOTILLO; Cajamarca 0618/7908 (USBGN)
1,973 m (CNG); on affluent of Río Chota [= Río Chotano] (MHA);
Sztolcman (Vaurie, 1972:28, as "Querocotillo"); Sztolcman (Taczanowski,
1884a:200).

QUEROPUQUIO; Junín 1124/7547 (USBGN)
ca. 4,000 m, ca. 10 km E of Río Mantaro (MHA); Vaurie, 1972:28.

QUERPÓN; Lambayeque 0541/7951 (USBGN)
Small village on Panamerican Highway, ca. 35 km NNW of Olmos, arid
scrub, LSU party (LSUMZ).

QESHQUE; Ancash ca. 0930/7730 (Vuilleumier & Simberloff)
Puna area, Cordillera Blanca, 4,100 m, Vuilleumier, Oct., Nov. 1975
(Vuilleumier and Simberloff, 1980:243).

QUESOLLANI, LAGUNA; Puno Not located
"Azángaro" [1455/7013 (USBGN)], Ortiz de la Puente, Mar. 1947
(MHNJP).

QUETA (Vaurie, 1972:28); see Quota.

QUEUEQUE (Vaurie, 1972:28); see Oconeque.

QUICHES; Ancash 0825/7727 (USBGN)
3,012 m (CNG); ca. 10 km W of Río Marañón, Carriker at 10,000 ft
[3,050 m], Apr. 1932? (Bond, 1951:66).

- QUILCA; Lima 1132/7700 (USBGN)
ca. 500 m, ca. 22 km E of Huaral (MHA as "Quilca Hacienda"); M. Koepcke, Mar. 1954, above Quilca at ca. 1,200 m (M. Koepcke, 1958:155); H.-W. Koepcke, 1961:34.
- QUILCA HACIENDA (MHA); see Quilca.
- QUILCA, RÍO; Arequipa 1643/7225 (USBGN)
Formed from confluence of various rivers, flows from Cordillera to Pacific at Pueblo Nuevo (IGM); at sea level (Storer, 1967:340).
- QUILCATE, RÍO (MHNJP); see Minabamba.
- QUILCAYHUANCA (FMNH); see Quilcayhuanca, Nevado.
- QUILCAYHUANCA, NEVADO; Ancash ca. 0924/7723 (MHA)
ca. 6,000 m, mountain in Cordillera Blanca, ca. 22 km NE of Huarás, probably left bank of Río Marañón drainage (MHA); C. Kalinowski, Feb. 1954 (FMNH as "Quilcayhuanca").
- QUILLABAMBA; Cuzco 1249/7243 (USBGN)
ca. 1,000 m, left bank of Río Urubamba (MHA); Vaurie, 1972:28; Chapman's locality, Santa Ana, is located SW of Quillabamba; mixed arid scrub and tropical forest, 950 m, LSU party (LSUMZ); see, also, Convención, Valle del.
- QUILLACocha (FMNH); see Quilluacocha.
- QUILLUACocha; Huánuco ca. 0942/7607 (Hocking)
Swampy lake at headwaters of stream that flows past Acomayo [0946/7605 (USBGN)], Hocking, June, Sept. 1974 at 10,000-11,500 ft [3,050-3,510 m] (FMNH, also as "Quillacocha"); Hocking and Villar, Oct. 1973, 3,500 m (MHNJP); Blake and Hocking, 1974:323; probably = LSU Quiullacocha; see, also, Bosque Quiullacocha.
- QUILMANÁ, LOMAS DE; Lima 1252/7626 (USBGN)
Ortiz de la Puente, Nov. 1951 at 300 m near coast (Sanft, 1973:406); area of fog vegetation, LSU party (LSUMZ); Ortiz de la Puente, Nov. 1951 near Cañete [= San Vicente de Cañete] (MHNJP).
- QUIMIRI; Junín 1102/7514 (USBGN)
Just N of La Merced, Weyrauch and Ortiz de la Puente (Vaurie, 1972:28), variant Puente de Quimiri; Schunke, Jan. 1941 (FMNH); J. Kalinowski (Berlepsch & Sztolcman, 1902:20); see, also, Alto Quimiri.
- QUIMIRI, ALTO DE (Vaurie, 1972:28); see Alto Quimiri.
- QUIMIRI, PUENTE DE (Vaurie, 1972:28); see Quimiri.
- QUINCEMIL; Cuzco 1316/7038 (USBGN as Quince Mil)
ca. 650 m, on left bank of Río Marcapata (IGM); C. Kalinowski, June 1950 at 680 m (Traylor, 1952:22); C. Kalinowski, Dec. 1954 (FMNH); moist upper tropical forest heavily cut over near town, also 40 km E on

Puerto Maldonado road, LSU party (LSUMZ); Traylor (Vaurie, 1972:28); Kalinowski, not Traylor is collector, contra Vaurie; IGM gives coordinates as ca. 1314/7045; correct name is Quincemil (Lamas, in litt.).

QUINUA (FMNH); see La Quinua.

QUIQUIJANA; Cuzco 1350/7133 (USBGN)
3,210 m (CNG); right bank of Río Vilcanota (IGM); J. Kalinowski, May 1898 (Berlepsch & Sztolcman, 1906:105).

QUIRAPATA Not located
Collector ? (Vaurie, 1972:28); variant Quiripata.

QUIRAVILCA (Vaurie, 1972:28); see Quiruvilca.

QUIRIPATA (Vaurie, 1972:28); see Quirapata.

QUIRIVILCA (Carriker, 1933:12); see Quiruvilca.

QUIROZ, RÍO; Piura 0426/8018 (USBGN)
Rises in NE Piura at ca. 0450/7945, flows NW to Río Chira (IGM); Markl, "Valle del Quiroz (street to Canchaque)," Nov. 1958 (Sutter, in litt.); see, also, Ayabaca.

QUIROZ, VALLE DEL (Sutter, in litt.); see Quiroz, Río.

QUIRUVILCA; La Libertad 0800/7819 (USBGN)
4,008 m (CNG); copper mine at head of valley which descends to Trujillo, Carriker, 14,000 ft [4,270 m], June 1932 (Carriker, 1933:12, as "Quirivilca"; ANSP); Carriker (Vaurie, 1972:28), variant Quiravilca; collector ?, 15 mi [24 km] W, 11,000 ft [3,355 m] and 7 km E, 4,100 m (MVZ).

QUISPICANCHI, PROVINCIA DE; Cuzco 1325/7100 (USBGN)
Ockenden (Vaurie, 1972:28); "Marcapata" (Zimmer, 1951a:42, as "Quispicanhis"); correct name Quispicanhis, Provincia de (Lamas, in litt.).

QUISPICANCHIS (Zimmer, 1951a:42); see Quispicanhi, Provincia de.

QUISTACOCOA (MHNJP); see Quistococha.

QUISTOCOCHA; Loreto Not located
USBGN gives a "Quisto Cocha, Loreto [0350/7316 (USBGN)]" near Iquitos, but collecting dates seem to place this locality near Pucallpa [0823/7432 (USBGN)], Schunke, Jan. 1944 (Traylor, 1958:87); MHNJP, also as "Quistacocha."

QUITACOCOA; Ancash Not located
Huaylas [0852/7754 (USBGN)] area, Hocking, May 1978 (FMNH).

QUITENI (LSUMZ); see Kiteni.

QUITON (MHA); see Quitún.

QUITON, RÍO (Vaurie, 1972:28); see Quitún, Río.

QUITÚN; Puno 1359/6944 (USBGN)
ca. 1,500 m, upper Río Quiton [= Quitún, Río] (MHA as "Quiton");
Carriker, June 1931 at 6,000 ft [1,830 m] (ANSP; Bond, 1955a:224).

QUITÚN, RÍO; Puno 1353/6941 (USBGN)
Rises in mountains, flows N to Río Inambari (MHA as "Río Quiton");
Keays (Vaurie, 1972:28), variant Keaton River; Sanborn, Oct. 1941, at
Oconeque [1403/6942 (USBGN)] (FMNH).

QUIULLACocha (LSUMZ); see Quilluacocha.

QUIZU, QUEBRADA; Lima Not located
Near Santa Rosa de Quives [1140/7648 (USBGN)], Roselló, May 1951
(MHNJP).

QUOTA (USBGN, MHA); see Hacienda de Queta.

- RACHACOCA;** Ancash Not located
Collector ?, near Río Santa, 45 km S of Huarás [0932/7732 (USBGN)] at
11,000 ft [3,355 m] (MVZ).
- RAMAZÓN** (H.-W. Koepcke, 1961:34); see Ramazón, Pampa.
- RAMAZÓN, PAMPA;** Piura 0607/8105 (USBGN)
SW side of Cerro Illescas (H.-W. Koepcke, 1961:34, as "Ramazón").
- RAMÓN** (FMNH); see San Ramón.
- RAQUÍA;** Ancash 1009/7729 (USBGN)
LSU party (LSUMZ), variant Aquia.
- RAURA, CORDILLERA;** Pasco/Lima ca. 1029/7645 (LSUMZ)
High cordillera W of Cerro de Pasco [1041/7616 (USBGN)] on divide
between Pasco and Lima, LSU party (LSUMZ); W of Huánuco [0955/7614
(USBGN)], Cardich, July 1956 at foot of glaciers (MHNJP).
- RAY-HURMANA MT.** (Vaurie, 1972:28); see Ray-Urmana.
- RAY-URMANA;** Amazonas ca. 0628/7721 (Vaurie)
8,000 ft [2,440 m], mountain above Chirimoto, Sztolcman, May-Sept.
1880 at 7,500 ft [2,290 m] (Taczanowski, 1882:3); Jelski, Sztolcman
(Vaurie, 1972:28, as "Ray-Hurmana Mt.").
- RECUAY;** Ancash 0943/7728 (USBGN)
3,394 m (CNG); Río Santa valley (MHA); Simons, Dec. 1899 at 3,400 m
(Chubb, 1919b:4); collector ?, 8 mi [13 km] S, 2 mi [3.2 m] E, also 4 mi
[6 km] S, 8 mi [13 km] E, both at 12,500 ft [3,813 m] (MVZ), variant
Requay.
- REITER;** Junín ca. 1100/7518 (Lamas, 1976:24)
"Río Reiter, Chanchamayo" (Vaurie, 1972:28).
- REQUAY** (MVZ); see Recuay.
- REQUE;** Lambayeque 0652/7950 (USBGN)
22 m (CNG); ca. 10 km S of Chiclayo (MHA); Simons (Vaurie, 1972:28);
Simons, Oct. 1899, 35 m (Chubb, 1919b:54).
- REQUENA;** Loreto 0458/7350 (USBGN)
114 m (CNG); right bank of Río Ucayali where Río Tapiche enters from
S (MAPA); MAPA and IGM show this at ca. 0505/7350, Vaurie places it
at ca. 0502/7400; Schunke (Vaurie, 1972:28).
- REVENTAZÓN;** Piura 0610/8058 (USBGN)
Sea level, S end of Cerro Illesca [= Illescas, Cerro] (MHA); M. Koepcke,
July 1958, N of Reventazón (M. Koepcke, 1963b:6, 9); collector ?, 100
ft [31 m] (MVZ).
- RICA PLAYA;** Tumbes 0348/8031 (USBGN)
ca. 100 m, in Río Tumbes valley (MHA); D. Tallman & E. Tallman, Oct.
1973 (Schulenberg & Parker, 1981:209).

RICONLOMA (FMNH); see Rincón, Loma.

RÍMAC; Madre de Dios 1235/6909 (USBGN)
ca. 100 m, across Río Madre de Dios from Puerto Maldonado (MHA); "Río Rimac, eastern Peru," Markham (Vaurie, 1972:28); since A. H. Markham collected birds on W coast while commanding a ship, it seems unlikely that he could have been in eastern Peru; this locality probably refers to Rimac, Lima, a suburb of Lima, or to Río Rimac, Lima, contra Vaurie (Lamas, in litt.); however, collector could have been Sir Clement R. Markham, who travelled in E Peru (Plenge, in litt.).

RÍMAC, RÍO; Lima 1202/7709 (USBGN)
Rises in mountains S of Lima/Junín border, and flows W and S to ocean near Lima (MHA); A. H. Markham, Sept. 1881, on coast (Salvin, 1883:426); Dallas, 1880, at ca. 8,000 ft [2,440 m] (Sclater, 1883:348); Beck, Jan-Feb. 1913 (Murphy, 1936:9); Nation, upper Río Rimac between 8,000-14,000 ft [2,440-4,270 m] and Rimac valley (Vaurie, 1972:28).

RÍMAC VALLEY (Vaurie, 1972:28); see Rimac, Río.

RIMACHE, LAGO (LSUMZ); see Rimachuima, Laguna.

RIMACHI, LAGO (Haffer, 1974:38); see Rimachuima, Laguna.

RIMACHUIMA, LAGUNA; Loreto 0425/7643 (USBGN)
Formerly Rimachi, Lago; ca. 150 m, W of Río Pastaza (MHA); Haffer, 1974:38, as "Rimachi, Lago"; tropical forest mainly flooded near lake with abundance of palms, LSU party (LSUMZ as "Rimache, Lago").

RINCONADA; Arequipa ca. 1510/7104 (Vaurie)
Collector ? (Vaurie, 1972:28).

RINCÓN LOMA; Huánuco ca. 0945/7603 (Hocking)
Temperate forest ca. 5-10 km NE of Acomayo, subtropical forest area, Hocking, Aug., Dec. 1970 (FMNH); variant Riconloma.

RINCONLOMA (FMNH); see Rincón Loma.

RIOJA; San Martín 0605/7709 (USBGN)
842 m (CNG); ca. 20 km W of Moyobamba (MHA); Osgood and Anderson, July 1912 (Cory, 1916:338); Garlepp, May 1887 (Berlepsch, 1889a:182); Steere, Mar.-May 1872 (Sclater & Salvin, 1878:135); Carriker at 3,400 ft [1,035 m] (Bond, 1945:20); LSU party (LSUMZ).

RÍO SECO; Junín 1054/7519 (USBGN)
ca. 500 m, village near Oxapampa-La Merced highway, ca. 8 km S of Junín/Pasco border (IGM); Andrews Univ. party, 2,376 ft [725 m], June 1964 (FMNH, also as "Río Seco Alto").

RÍO SECO ALTO (FMNH); see Río Seco.

ROABOYA; Loreto 0748/7452 (USBGN)
ca. 100 m, right bank of Río Ucayali (MHA); Tessmann (Vaurie, 1972:28); Lamas, 1976:22, also as "Royaboya."

- ROCHANGA; Arequipa ca. 1543/7245 (H.-W. Koepcke)
On road from Chuquibamba [1550/7239 (USBGN)] to Pampacolca [1543/7233 (USBGN)], M. Koepcke, Jan. 1956, ca. 4,000 m (MHNJP); M. Koepcke, 1958:161; *Polylepis* forest, ca. 4,000 m (H.-W. Koepcke, 1961:35).
- ROCK FOREST; Pasco or Junín ca. 1059/7621 (Lamas)
ca. 14,000 ft [4,270 m], extensive area of peculiar rock formations W of Lago de Junín, near crest of cordillera, Carriker, Apr. 1930 (Bond, 1945:20); Vaurie, 1972:28; = Bosque de Piedra de Huayllay (Lamas, in litt.).
- RODRÍGUEZ DE MENDOZA (Lamas, in litt.); see Mendoza.
- ROHNANNA; Ayacucho ca. 1243/7348 (Weske)
Probably near Luisiana [ca. 1239/7344 (IGM)]; Weske, 1970, eastern Rohnanna at 1,900 m (AMNH).
- ROMA; La Libertad 0746/7909 (USBGN)
ca. 100 m, about 25 km from coast (MHA); Hocking, Mar. 1973 (FMNH, also as "Hacienda Roma").
- ROMEROS; Piura ca. 0430/8024 (Vaurie, 1972:28)
500 ft [155 m], on Río Chira, Peru/Ecuador border, Carriker, June 1933 (Bond, 1945:20).
- RONSOLO, ISLA; Loreto 0300/7320 (LSUMZ)
120 m, Río Napo, opposite Libertad, 80 km N of Iquitos, LSU party, July, Aug. 1982 (Schulenberg, in litt.).
- ROPAYBAMBA; Junín ca. 1105/7543 (Vaurie)
Probably in upper Río Huasahuasi valley, Jelski, Dec. 1872, Apr. 1873 at ca. 8,000 ft [2,440 m] (Taczanowski, 1884a:72); Raimondi (Vaurie, 1972:28).
- ROQUE; San Martín 0624/7648 (USBGN)
1,097 m, on Río Sisa, left bank of Río Huallaga drainage (MHA); Gyldenstolpe (Vaurie, 1972:29); Gyldenstolpe did not collect in Peru (Plenge, in litt.).
- ROSACocha (Vaurie, 1972:29); see Curicocha.
- ROSAGocha; Huánuco ca. 0946/7603 (Hocking)
Temperate forest patch within 10 km of Acomayo, above Zapatogocha, Hocking, Oct. 1970 (FMNH).
- ROSALINA; Cuzco 1229/7244 (USBGN)
ca. 500 m, left bank of Río Urubamba at ca. 1239/7237 (MHA); 400 m?, tropical forest, hilly, LSU party (LSUMZ).
- ROSAPAMPA; Huánuco ca. 0946/7603 (Hocking)
Subtropical forest area within 10 km of Acomayo, above Zapatogocha, Hocking, Oct. 1970, Mar., Sept. 1972 (FMNH).

- ROSAPATA; Apurímac ca. 1343/7300 (Hocking)
Semi-desert area across Río Apurímac from Abancay on road to Andahuaylas, Hocking, May 1970 at 7,000 ft [2,135 m] (FMNH).
- ROSOCOCHA (Vaurie, 1972:29); see Curicocha.
- ROYABOYA (Lamas, 1976:22); see Roaboya.
- RUMBRO; Lima ca. 1041/7647 (Plenge, in litt.)
Near Oyón in Río Huaura valley, LSU party (LSUMZ).
- RUMICHUZ Not located
Probably = Rumicruz (Brack Egg, 1970:248).
- RUMICRUZ; Pasco ca. 1044/7555 (Vaurie, 1972:29)
9,700 ft [2,960 m], Watkins, Feb.-Mar. 1922 (Chapman, 1926b:2).
- RUMICUCHA (Vaurie, 1972:29); see Rumucucha.
- RUMICUCHU (Vaurie, 1972:29); see Rumucucha.
- RUMUCUCHA; Amazonas Not located
Near Chirimoto [0631/7724 (USBGN)], lake formed by flooding in valley of Río Huambo, Sztolcman, June-July 1879, Oct. 1880 (Taczanowski, 1882:3); Vaurie, 1972:29, variants Rumicucha, Rumicuchu.
- RUNCARACCAY RUINS; Cuzco ca. 1314/7229 (Lamas)
Lamas, 1976:24, says this = Vaurie's Puncaracay Ruins, which Vaurie says = Machu Picchu [1307/7237 (USBGN)], Heller (Vaurie, 1972:27, 29); probably = "Runkuracay" on tourist maps, 3,800 m (Plenge, in litt.).
- RUNKURACAY (Plenge, in litt.); see Runcaraccay Ruins.
- RURINURA, QUEBRADA (FMNH); see Huaylas.

- SACRAMENTO, PAMPA DEL; Loreto/San Martín 0800/7550 (USBGN)
ca. 400-500 m, plain E of Cordillera Azul, left bank of Río Ucayali drainage (MHA); Deville (Deville, 1849:56); Castelnau and Deville (Vaurie, 1972:25, as "Pampas del Sacramento").
- SAGRARIA (MHA); see Sagrario.
- SAGRARIO; Puno 1355/6941 (USBGN)
ca. 1,020 m, on Río Quitún, S of its junction with Río Inambari (MHA as "Sagraria"); Simons, July 1900 at 1,500 m (Chubb, 1919b:4, as "Segravio"); Sanborn, Sept.-Oct. 1941 (FMNH); Vaurie, 1972:29, as "Sagraria").
- SALASARA (Vaurie, 1972:29); see Sara Sara, Nevado.
- SALAVERRY; La Libertad 0814/7858 (USBGN)
3 m (CNG); seaport ca. 12 km S of Trujillo (MHA); Osgood and Anderson, Feb. 1912, Jan. 1914 (FMNH); Vaurie, 1972:29; H.-W. Koepcke, 1961:35.
- SALAZARA (Berlepsch & Sztolcman, 1906:66); see Sara Sara, Nevado.
- SALINAS (Vaurie, 1972:29); see Salinas, Laguna, Arequipa.
- SALINAS (Tovar, 1969:527); see Lachay, Punta.
- SALINAS DE OTUMA; Ica 1401/7614 (USBGN)
ca. 18 km S of Paracas on road to Laguna Grande (IGM as "Otuma"); M. Koepcke, Dec. 1957 (MHNJP as "Las Salinas").
- SALINAS, LAGUNA; Arequipa 1622/7108 (USBGN)
ca. 4,000 m, on Puno to Arequipa highway (IGM); Whitely, July 1867, 14,000 ft [4,270 m] (Sclater & Salvin, 1867c:983); Vaurie, 1972:29, as "Salinas"; Sanborn, Oct. 1939 at 14,100 ft [4,300 m] (FMNH as "Salinas"); collector ?, 2 mi [3 km] E, 13,500 ft [4,118 m], 14,200 ft [4,331 m] (MVZ, also as "Salinas").
- SALINAS, LAGUNA DE; Puno ca. 1500/7005 (MHA)
ca. 4,500 m, ca. 18 km SE of Azángaro (MHA); Dorst, May 1955, and Dec. 1960 at 3,800 m (Dorst, 1956a:437; 1962b:429).
- SALINAS, PAMPA DE; Arequipa ca. 1620/7105 (MHA)
ca. 4,200 m, ca. 50 km E of Arequipa (MHA); Schmidt and Sanborn, Oct. 1939 at 14,000 ft [4,270 m] (FMNH).
- SALTO; Tumbes Not located
May = El Salto [ca. 0326/8017 (IGM)]; Ridgely, Aug. 1976 (Schulenberg & Parker, 1981:210).
- SALTO DEL FRAILE; Lima 1211/7703 (USBGN)
Point near Chorrillos, collector ?, Mar. 1862 (MHNJP).

- SAMÁN;** Puno 1517/7001 (USBGN)
3,830 m (CNG); Río Ramis valley, ca. 10 km W of Lago Titicaca (MHA);
on road between Samán and Arapa [1508/7007 (USBGN)], Ortiz de la
Puente, Feb. 1948 (MHNJP).
- SAMATA** (Vaurie, 1972:31); see Somate.
- SAMATE** (Chapman, 1923d:3); see Somate.
- SAMINA** Not located
"Samina, Peru," Whitely, 1881 (Bond, 1953b:3).
- SAMIRIA, ISLA;** Loreto ca. 0442/7418 (MHA)
ca. 100 m, island in Río Marañón near mouth of Río Samiria (MHA);
Hauxwell, Oct. 1881 (FMNH); Zimmer, 1932d:20.
- SAMIRIA, RÍO;** Loreto 0442/7413 (USBGN)
Tributary to right bank of Río Marañón (MHA); C. Kalinowski, Nov.-Dec.
1956 at 130 m (FMNH); Ortiz de la Puente, Aug. 1952 at mouth and at
Cocha Shinguita [not located] (MHNJP).
- SAMIRIACocha, RÍO** (MHNJP); see Samiria, Río.
- SAMNE;** La Libertad 0759/7841 (USBGN)
ca. 1,500 m, in Río Moche valley, ca. 40 km ENE of Trujillo (MHA);
shrub and low trees, Carriker, Apr. 1933 at 4,500 ft [1,375 m] and 5,000
ft [1,525 m] (Bond, 1947a:127); Ortiz de la Puente (Vaurie, 1972:29).
- SAÑA;** Lambayeque 0655/7935 (USBGN)
46 m (CNG as "Zaña"); lower Río Zaña [= Río de Saña] (IGM as "Zaña");
H.-W. Koepcke, 1961:35.
- SAÑA, RÍO DE;** Lambayeque 0705/7944 (USBGN)
Rises in Cajamarca, flows WSW to Pacific (IGM as "Río Zaña"); M.
Koepcke, lower Saña valley, Feb. 1952, ca. 700 m (M. Koepcke, 1958:
175); correct name Río Zaña (Lamas, in litt.).
- SAÑACA** (Berlepsch & Sztolcman, 1906:105); see Saniaca.
- SAN ALEJANDRO;** Loreto, now Ucayali ca. 0850/7512 (Lamas, in litt.)
On Tingo María to Pucallpa road in Ucayali (IGM); Haffer, 1974:39.
- SAN ANDRÉS;** Cuzco 1328/7045 (USBGN)
ca. 2,000 m, upper Marcapata valley (MHA); S of Cadena E of town of
Marcapata, C. Kalinowski, June 1951 at 2,350 m (FMNH).
- SAN ANDRÉS, LAGUNA;** Lima Not located
Near Chilca [1232/7644 (USBGN)], Pardo Heeren, Aug. 1952 (MHNJP).
- SAN ANTÓN;** Puno 1435/7019 (USBGN)
3,960 m (CNG); on Río de Palca, Titicaca drainage (MHA); Keays (Vaurie,
1972:29, also as "San Antonio").

- SAN ANTONIO; Cuzco ca. 1302/7130 (MHA)
1,275 m, upper Río Cosñipata (MHA); "Paucartambo valley" [= Río Paucartambo], Whitely, July 1871 at 3,600 ft [1,100 m] (Whitely, 1873:188); Warszewiez? (Gould, 1872:452); Whitely, near Cosñipata (Vaurie, 1972:29); Río Cosñipata and the San Antonio of MHA are in Madre de Dios drainage, not in the Paucartambo valley, which is in the Río Urubamba drainage.
- SAN ANTONIO; Puno (Vaurie, 1972:29); see San Antón.
- SAN ANTONIO; San Martín (MHA); see Huayabamba, San Martín.
- SAN ANTONIO DE CUMBASA; San Martín ca. 0621/7619 (Lamas)
Garlepp (Lamas, 1976:18, as "Cambase"); Lamas states this is correct locality for Vaurie's Cumbasa and Cumbase, and probably San Pedro de Cumbasa (Vaurie, 1972:30), variant Cumbare (Lamas, 1976:22).
- SAN ANTONIO DE ESQUILACHE; Puno 1606/7018 (USBGN)
ca. 4,000 m, ca. 40 km WSW of Puno (IGM); on affluent of Río Tambo, Pacific drainage (MHA); Sanborn, Sept. 1939 (FMNH).
- SAN ANTONIO HACIENDA; Huánuco ca. 0933/7552 (MHA)
ca. 1,000 m, on Río Chinchao (MHA); Heller, Aug. 1922 (FMNH).
- SAN BARTOLO; Lima ca. 1223/7647 (IGM)
30 m (CNG); port ca. 30 km S of Lima (IGM; H.-W. Koepcke, 1961:35).
- SAN BARTOLOMÉ; Junín ca. 1115/7519 (Vaurie, 1972:29)
ca. 4,000 ft [1,220 m], 2,000 ft [610 m] below Chilpes, in Vítoc valley, Jelski (Taczanowski, 1884a:71).
- SAN BARTOLOMÉ; Lima 1153/7632 (USBGN)
1,600 m (CNG); Río Rimac valley (MHA); M. Koepcke, above San Bartolomé, ca. 1,800 m (M. Koepcke, 1958:169); ca. 2,000 m, brush covered slopes, agriculture in valley, LSU party (LSUMZ); 1,500 m on Río San Bartolomé, affluent of Río Rimac (H.-W. Koepcke, 1961:35).
- SAN BENITO; Cajamarca 0726/7856 (USBGN)
1,370 m (CNG); Río Chicama drainage (MHA); Hocking, Martínez, July 1975, Oct. 1976 at ca. 6,000 ft [1,829 m] (FMNH).
- SAN BLAS 1104/7611 (USBGN)
Not on any available map, but must be near W shore of Lago de Junín; J. Kalinowski, Apr. 1890? (Berlespich & Sztolcman, 1902:42).
- SAN CARLOS Not located
Collector ? (Vaurie, 1972:29).
- SAN CRISTÓBAL; Lima 1104/7731 (USBGN)
ca. 400 m, mountains N of Lima (H.-W. Koepcke, 1961:35).
- SANDAMAL (Vaurie, 1972:31); see Sendamal.

- SAN DAMIÁN;** Ancash ca. 0954/7747 (MHA)
ca. 500 m (MHA as "Hacienda San Damián"); between Kachkal [= Catzcal, Quebrada Honda de], and San Damián, Río Huarmey valley, M. Koepcke, Sept. 1956, 900-1,100 m (M. Koepcke, 1961a:21); H.-W. Koepcke, 1961:35.
- SAN DAMIÁN;** Junín Not located
Probably in upper Río Huasahuasi valley [1115/7531 (USBGN)]; ca. 4,000 ft [1,220 m], Jelski (Taczanowski, 1884a:72); "Ropaybamba" [ca. 1105/7543] (Vaurie, 1972:29), variant San Domiano.
- SANDI, QUEBRADA DE** (Vaurie, 1972:28); see Sandia, Río de.
- SANDIA;** Puno 1417/6926 (USBGN)
2,178 m (CNG); on Río de Sandia, Río Inambari drainage (MHA); Carriker, June, July 1931 (Vaurie, 1972:29; ANSP); Dorst, Nov.-Dec. 1960 (Dorst, 1961:563); Hilda Heller, Nov. 1950 (FMNH); dry inter-montane valley, densely populated, small gardens, scrub, LSU party, Sept.-Nov. 1980 at 2,175 m (LSUMZ).
- SANDIA, RÍO DE;** Puno ca. 1402/6923 (MHA)
Rises NW of Nudo de Apolobamba, flows NE to join Río Inambari (MHA); Dorst, Nov.-Dec. 1960 in valley of Río de Sandia (Dorst, 1961:563); Raimondi (Vaurie, 1972:28, as "Quebrada de Sandi"); Lamas, 1976:24, as "Río Sandia"; Raimondi (Taczanowski, 1886:111).
- SANDOMAL** (Bond, 1945:21); see Sendamal.
- SAN DOMIANO** (Vaurie, 1972:29); see San Damián, Junín.
- SAN EMILIO;** Junín Not located
In Vítoc valley, between Maraynioc [1122/7524 (USBGN)] and Esperanza [= Hacienda La Esperanza, ca. 1111/7518 (Lamas)], J. Kalinowski, 1892, Mar. 1893 (Berlepsch & Sztolcman, 1896:359); valley of Vítoc (Vaurie, 1972:29).
- SAN ENRIQUE** (Zimmer, 1930:235); see Puerto Enrique.
- SAN FELIPE;** Cajamarca 0546/7919 (USBGN)
1,850 m (CNG); Río Huancabamba drainage (MHA); 5,900 ft [1,800 m] (M. Koepcke, 1962b:297); Watkins (Vaurie, 1972:29); Zimmer, 1949:45.
- SAN FELIPE;** Loreto Not located
"Río Yavarí" [0423/6959 (USBGN)], C. Kalinowski, Oct. 1957 at 150 m (FMNH).
- SAN FERNANDO;** Cuzco 1300/7315 (USBGN)
ca. 1,500 m, town on tributary to Río Cosireni [see Río San Miguel] (MHA); hacienda in Río San Miguel valley, dense forests, Heller, Sept.-Oct. 1915 at 4,400 ft [1,340 m] in humid, tropical zone (Chapman, 1921b:24); Vaurie, locates at ca. 1251/7305 (Vaurie, 1972:29).
- SAN FERNANDO;** Loreto ca. 0412/7014 (IGM)
ca. 100 m, left bank of Río Yavarí, ca. 32 km W of Ramón Castilla

(IGM); C. Kalinowski, at Río Yavarí, July 1957 at 100 m (FMNH).

SAN FRANCISCO DE SATIPO; Junín 1116/7437 (USBGN)
629 m on Río Satipo, Río Tambo drainage (IGM); tropical forest, LSU party (LSUMZ); Hocking Sept. 1967 at 2,200 ft [670 m] (FMNH); de Macedo, July 1947, "near Satipo, Río Panga" [probably = Río Pangoa] (MHNJP as "Granja de Satipo" and "Satipo").

SAN GABAN (Seilern, 1936:36); see Sangabán, Río.

SANGABÁN, RÍO; Puno 1324/7017 (USBGN)
Rises in Cordillera de Carabaya, flows N and E to join left bank of Río Inambari (MHA); H. Watkins and C. Watkins, Mar. 1913 at 2,500 ft [765 m] (Seilern, 1936:36, as "San Gaban"); Lubinoff, June 1941 (FMNH); Raimondi (Vaurie, 1972:29, as "San Gavan"); de Macedo, May 1966, 1,900 m (MHNJP); Raimondi (Taczanowski, 1884b:452, as "Quebrada de San Govan Carabaya").

SAN GALLÁN, ISLA; Ica 1350/7628 (USBGN)
ca. 5 km off Paracas Peninsula (MHA); dry, barren with high hills, Coker, Dec. 1906-Aug. 1908 (Coker, 1920:463); Lurquin, Nov. 1919 (Murphy, 1921:98); Vaurie, 1972:29, as "Sangallan Island"; Beck, June 1913 (Murphy, 1936:10); Tovar, 1962-1965 (Tovar, 1969:527); see, also, Pisco, Bahía de.

SANGALLAN ISLAND (Vaurie, 1972:29); see San Gallán, Isla.

SAN GAVAN (Vaurie, 1972:29); see Sangabán, Río.

SAN GERONIMO (Vaurie, 1972:29); see San Jerónimo.

SAN GOVAN CARABAYA, QUEBRADA DE (Taczanowski, 1884b:452); see Sangabán, Río.

SAN GREGORIO; Cajamarca 0703/7906 (USBGN)
1,854 m (CNG); SE of Chiclayo (MHA); on road from Chepén to San Miguel (H.-W. Koepcke, 1961:35).

SAN GREGORIO, RÍO (H.-W. Koepcke, 1961:35); see Seco de San Gregorio, Río.

SANIACA; Cuzco ca. 1316/7037 (Vaurie, 1972:29)
ca. 980 m, in Marcapata valley (Dicc. Geogr.); J. Kalinowski, Sept.-Nov. 1897, Nov. 1898 (Berlepsch & Sztolcman, 1906:105, as "Sañaca").

SAN IGNACIO; Cajamarca 0508/7859 (USBGN)
1,324 m (CNG); Río Chinchipe valley (MHA); Carriker, near Río Chinchipe at 4,000 ft [1,220 m], July, year? (Bond, 1945:20); ? Watkins, 1922 or 1923 (Chapman, 1926a:14); Raimondi (Vaurie, 1972:29); LSU party (LSUMZ); Raimondi (Taczanowski, 1884b:276).

SAN ISIDRO; Lambayeque ca. 0539/7944 (Schulenberg & Parker)
NNW of Olmos, seasonally dry forest with patches of larger evergreen

trees near Quebrada San Isidro, LSU party, 450-525 m, 1977-1979 (Schulenberg & Parker, 1981:210).

- SAN JACINTO Not located
Sztolcman (Vaurie, 1972:29).
- SAN JACINTO; Ica 1409/7545 (USBGN)
Near Ica, Sanborn, Jan. 1942 (FMNH as "Hacienda San Jacinto").
- SAN JACINTO; Piura 0515/8040 (USBGN)
Near Catacaos in Río Piura valley, Feduccia, Dec. 1964 (M. Koepcke, 1971:4); MHNJP as "Hacienda San Jacinto."
- SAN JERÓNIMO; Cuzco 1334/7154 (USBGN)
3,244 m (CNG); ca. 9 km SE of Cuzco (MHA); J. Kalinowski, Mar. 1896 (Berlepsch & Sztolcman, 1906:103, as "San Geronimo").
- SAN JOSÉ; Amazonas ca. 0545/7824 (Hocking)
Across Río Utcubamba on mountain slope facing Bagua Grande, Hocking, Sept. 1975 (FMNH).
- SAN JOSÉ; Ayacucho ca. 1244/7346 (Gardner & Patton)
On trail from Río Apurímac at Luisiana to Tambo, Weske and Terborgh (LSUMZ); short distance below Huanhuachayo, on Río Santa Rosa (Gardner & Patton, 1976:43).
- SAN JOSÉ; Lambayeque 0646/7958 (USBGN)
8 m (CNG); coastal town N of Pimentel (MHA); Carriker, May 1933 (Carriker, 1935:343); Graves, Schulenberg, & Parker, Oct. 1977 (Graves, 1981:76).
- SAN JOSÉ; Puno ca. 1400/6930 (LSUMZ)
ca. 130 m, 5 km NE of Río Huari Huari [1353/6941 (USBGN)], LSU party (LSUMZ).
- SAN JOSÉ DE LAS PALMAS; Huánuco ca. 0912/7554 (Hocking)
Just E of Las Palmas, ca. 6 km SSE of Tingo María on right bank of Río Huallaga, Hocking, May 1966 (FMNH).
- SAN JOSÉ DE LOURDES; Cajamarca 0504/7854 (USBGN)
1,180 m (CNG); left bank of Río Chinchipe (IGM); in Cordillera Del Cóndor, Fitzpatrick, June 1975 on ridge above town in area of dwarfed trees, bogs and lichens at ca. 2,200 m (Fitzpatrick, Terborgh, and Willard, 1977:197); Fitzpatrick, July 1976, above town at 2,200 m (Fitzpatrick and O'Neill, 1979:443); Fitzpatrick, E of Río Chinchipe at 830 m, June 1975 (FMNH).
- SAN JUAN; Amazonas ca. 0544/7823 (Hocking)
Across Río Utcubamba on mountain slope facing Bagua Grande to S, Hocking, Sept. 1975, 3,000 ft [915 m] (FMNH).
- SAN JUAN; Junín ca. 1056/7514 (Lamas, 1976:22)
"Chanchamayo," Carriker (Bond, 1953b:9); see Canchamayo, Río, and

Chanchamayo, Valle de; probably = San Juan de Perené [not located], Carriker (Vaurie, 1972:29).

- SAN JUAN; Loreto, now Ucayali Not located
On L. Yarinacocha [0815/7443 (USBGN)], Schunke, July 1940 (FMNH).
- SAN JUAN; Pasco ca. 1030/7453 (Tuttle)
ca. 900 ft [275 m], E bank of Río Azupizu, 5 km from San Pablo, virgin evergreen forest, Tuttle, July, Aug. 1964 (Tuttle, 1970:82; Jenkinson & Tuttle, 1976:187).
- SAN JUAN, BAHÍA; Ica 1521/7510 (USBGN)
Bay on coast of Ica, ca. 100 km SE of Nazca (MHA); MacFarlane, Nov. 1883 (MacFarlane, 1887:203).
- SAN JUAN, PUNTA; Ica 1521/7512 (USBGN)
Guano point on Ica coast (MHA); Tovar, 1962-1965 (Tovar, 1969:527, as "San Juan-Tres Hermanas").
- SAN JUAN BAUTISTA; Ica 1401/7544 (USBGN)
416 m (CNG); ca. 4 km N of Ica (MHA); collector ? (FMNH).
- SAN JUAN DE CAMACHUROS; Loreto ca. 0352/7057 (Lamas, 1976:24)
"Camachurros" (Vaurie, 1972:8).
- SAN JUAN DE PERENÉ; Junín Not located
4,000 ft [1,220 m], coffee plantation, ca. 12 mi [19 km] SE of Perené [1058/7513 (USBGN)], Carriker and Newbold, Jan. 1930 (ANSP; Carriker, 1933:32); may = San Juan, Junín [ca. 1056/7514 (Lamas)] (Vaurie, 1972:29).
- SAN JUAN DE TOCACHE (MHA); see Tocache Nuevo.
- SAN LORENZO; Loreto ca. 0450/7640 (FMNH)
Left bank of Río Marañón, C. Kalinowski, Apr. 1957 (FMNH).
- SAN LORENZO, ISLA; Lima 1205/7715 (USBGN)
ca. 0-370 m, ca. 8 km from Callao (MHA); MacFarlane, Apr. 1883-Feb. 1884 at 400-600 ft [120-185 m] (MacFarlane, 1887:206); Simons, Jan. 1900 (Chubb, 1919b:4); Tschudi (Tschudi, 1844-1846:314); Markham, 1880-1882 (Salvin, 1883:427); Beck, June 1913 (Murphy, 1936:10); Coker, Dec. 1906-Aug. 1908 (Coker, 1920:511); arid, rocky slopes with some fog vegetation on highest points during wet years, LSU party (LSUMZ); H.-W. Koepcke, 1961:35.
- SAN LUIS; Cuzco ca. 1306/7225 (LSUMZ)
ca. 2,750 m, restaurant on NE slope on road from Ollantaitambo to Quillabamba, ca. 30 km by road NW of Abra Málaga, humid, temperate cloud forest, LSU party (LSUMZ); LSU party, Aug. 1974, 2,600-2,740 m (Parker & O'Neill, 1980:167); cloud forest just E of high pass, at ca. 1315/7233, Hocking and Villar, Hocking and Rivera, Apr.-May 1975, 7,700-9,000 ft [2,349-2,745 m] (FMNH as "Bosque San Luis").

- SAN LUIS DE SHUARO; Junín 1053/7518 (USBGN)
721 m (CNG); Río Pacuartambo valley (MHA); Hocking, May 1969
(FMNH); M. Koepcke, Mar., July 1955, 700-750 m (MHNJP).
- SAN MARCOS; Cajamarca 0720/7811 (USBGN)
2,251 m (CNG); left bank of Río Marañón drainage (IGM); this is
apparently "San Martos, La Libertad" of Chubb and "San Marcos, La
Libertad" of Vaurie and Lamas (Lamas, 1976:22); Baron, summer 1895
(Baron, 1897:3); Ortiz de la Puente (Plenge, in litt.).
- SAN MARCOS; Huánuco Not located
In Bosque Nacional de Iparía, around Tournavista, Huánuco, ca. 0855/-
7443 (IGM), H.-W. Koepcke and M. Koepcke, July 1959 (MHNJP).
- SAN MARCOS; La Libertad (Vaurie, 1972:29); see San Marcos, Cajamarca.
- SAN MÁRQUEZ; Huánuco 0932/7456 (USBGN)
ca. 100 m on Río Pachitea (MHA as "San Marquis"); Tessman, Schunke
(Vaurie, 1972:27, as "Puerto Márquez").
- SAN MARQUIS (MHA); see San Márquez.
- SAN MARTÍN; Amazonas Not located
"Huayabamba valley" [ca. 0615/7730] (Vaurie, 1972:29).
- SAN MARTÍN; Loreto ca. 0220/7045 (Scheuerman)
Right bank of Río Putumayo, Scheuerman on river below San Martin,
Dec. 1974 (Scheuerman, 1977:3).
- SAN MARTÍN, DEPARTAMENTO DE 0700/7650 (USBGN)
N central Peru, bounded on N and E by Loreto, on S by Huánuco, and
on W by La Libertad and Amazonas (MAPA).
- SAN MARTÍN, ISLA; Lima 1102/7741 (USBGN)
ca. 2 km off coast (MHA); Jordán, Sept.-Oct. 1955 (MHNJP); collector
?, Feb. 1930 (FMNH); Carriker (Vaurie, 1972:29); variants Don Martín,
Islote and Isla Don Martín; Tovar, 1962-1965 (Tovar, 1969:527, as "Don
Martín").
- SAN MARTÍN DE PANGO; Junín ca. 1110/7428 (MAPA)
500 m (CNG); on Río Satipo, tributary to right bank of Río Perené
(MAPA); Raimondi (Vaurie, 1972:25, as "Pangoa" and "Montaña de
Pangoa"); MHNJP as "Montañas del Pangoa"; Raimondi, "montaña del
Pangoa" (Taczanowski, 1884a:455).
- SAN MARTOS; La Libertad Not located
Simons, Nov. 1899 at 200 m (Chubb, 1919b:3); this no doubt = San
Marcos, Cajamarca [0720/7811 (USBGN)] as Simons was on his way from
Cajamarca [0710/7831 (USBGN)] to La Grama [ca. 0727/7808] at this
time; Chubb's altitude is too low for San Marcos [2,251 m] but 200 m
seems too low for any locality in this area and is probably error for
2,200 m.

- SAN MATEO; Lima 1147/7618 (USBGN)
3,149 m (CNG); on Río Rímac (MHA); Plenge, Apr. 1969 in eucalyptus woods below San Mateo (Plenge, 1974:329); Simons, Feb. 1900 at 3,200 m (Chubb, 1919b:4); collector ?, Sept. 1936 (FMNH); in cultivated valley with eucalyptus, arid scrub above town, LSU party (LSUMZ); Jelski, Raimondi (Vaurie, 1972:29); Raimondi (Taczanowski, 1886:54); collector ?, 3,000 m (MVZ).
- SAN MIGUEL; Cajamarca 0700/7851 (USBGN)
2,620 m (IGM); on Río Jequetepeque tributary (MHA); M. Koepcke, Apr. 1954 on way from Chapén [0713/7927 (USBGN)] to San Miguel at 500-1,050 m (Sanft, 1973:411); Sztolcman (Taczanowski, 1884a:368).
- SAN MIGUEL; Cuzco ca. 1305/7238 (Vaurie)
San Miguel, "Idma," J. Kalinowski, May-July, Oct.-Nov. 1894 (Berlepsch & Sztolcman, 1906:73); Vaurie, 1972:29; 5,000-6,000 ft [1,525-1,830 m] (Lamas, 1976:22); see, also, Santa Ana.
- SAN MIGUEL; Huánuco Not located
LSU party (LSUMZ).
- SAN MIGUEL, RÍO; Cuzco ca. 1243/7314 (Vaurie)
Tributary of Río Cosireni, Heller, near San Fernando in dense forest, Sept.-Oct. 1915 at 4,400 ft [1,340 m] (Chapman, 1921b:24); Jelski (Vaurie, 1972:29).
- SAN MIGUEL BRIDGE; Cuzco ca. 1306/7238 (Vaurie)
6,050 ft [1,845 m], bridge over Río Urubamba, immediately below Machu Picchu, above bridge is cloud forest, below, arid tropical zone, Heller, June-July 1915, Chapman Expedition, July 1916 (Chapman, 1921b:20); Heller, near Torontoy (Vaurie, 1972:29); Brack Egg, 1970:211, as "Puente San Miguel."
- SAN MIGUEL ROAD; Cuzco Not located
Probably road crossing Río Urubamba at San Miguel Bridge, ca. 1306/7238 (Vaurie); collector ?, 6,000 ft [1,830 m] (Chapman, 1919b:260).
- SAN NICHOLAS, BAY OF (MacFarlane, 1887:203); see San Nicolás, Bahía.
- SAN NICOLÁS; Amazonas (Vaurie, 1972:29); see Mendoza.
- SAN NICOLÁS; Pasco (ANSP); see Tambo San Nicolás.
- SAN NICOLÁS; Junín (Bond, 1950b:2); see Tambo San Nicolás.
- SAN NICOLÁS, BAHÍA; Ica 1513/7515 (USBGN)
ca. 100 km SW of Nazca (MHA); MacFarlane, Sept. 1883 (MacFarlane, 1887:203, as "Bay of San Nicholas").
- SAN NICOLÁS, RÍO DE; Amazonas Not located
Name for upper Río Huambo, apparently near San Nicolas [= Mendoza, 0620/7724 (USBGN)], Sztolcman (Vaurie, 1972:29).

- SAN PABLO; Cajamarca 0707/7850 (USBGN)
2,365 m (CNG); ca. 10 km N of Chillete (IGM); Pacific drainage (MHA); Simons, Nov. 1899 at 1,500 m (Chubb, 1917:31); Baron, "2 days along Yonan river [not located] from Tembladera," 7,500 ft [2,288 m], June?, 1895 (Baron, 1897:2).
- SAN PABLO; Pasco ca. 1027/7452 (Tuttle)
ca. 900 ft [275 m], Indian village on E bank of Río Azupizu, virgin evergreen forest, Tuttle, July 1964 (Tuttle, 1970:81); Andrews Univ. party, July 1964 (FMNH); may = IGM San Pablo at ca. 1032/7450 on Río Nazaratequi.
- SAN PEDRO; Amazonas Not located
Baron, 4-5 hrs SE of Leimebamba [0641/7747 (USBGN)] near Río Utcubamba, Oct. 1896, 8,900 ft [2,715 m] (Baron, 1897:9); Watkins, SE of Leimebamba, Jan.-Feb. 1926, 8,600-9,400 ft [2,625-2,865 m] (Zimmer, 1934a:16); San Pedro of MHA and USBGN (0638/7742) is NE of Leimebamba and presumably not this one; possibly = San Pedro de Leimebamba of Ruschi.
- SAN PEDRO; Ancash ca. 0834/7727 (Lamas)
"On lower Río Sihuas" [ca. 0835/7735 (Vaurie, 1972:30)]; Carriker, Apr. 1932 at 6,000 ft [1,829 m] (Carriker, 1933:27); Río Sihuas, an affluent of Río Rúpac, is in left bank of Río Marañón drainage (Lamas, in litt.).
- SAN PEDRO; Cuzco ca. 1309/7120 (FMNH)
1,400 m, ca. 27 km by road WSW of Pilcopata on Cosñipata highway in Río Cosñipata valley, Km 155, Deza Q., ca. 1,400 m near highway, Oct. 1981 (FMNH).
- SAN PEDRO; Cuzco ca. 1316/7040 (Vaurie)
Kalinowski (Vaurie, 1972:30); in valley of Marcapata [= Marcapata, Río], J. Kalinowski, 1897 (Berlepsh & Sztolcman, 1906:105).
- SAN PEDRO; Lima 1216/7653 (USBGN)
Near Lurín, Tschudi (Vaurie, 1972:30); Castro, Feb. 1970, on beach (MHNJP).
- SAN PEDRO; Loreto 0446/7457 (USBGN)
Left bank of Río Marañón (IGM); Ortiz de la Puente, Aug. 1952 (MHNJP).
- SAN PEDRO; Piura 0531/8054 (USBGN)
Sea level, ca. 10 km NE of Sechura (MHA); Hays de Brown, Feb. 1979 (Schulenberg & Parker, 1981:214).
- SAN PEDRO DE CACAS (Vaurie, 1972:8); see San Pedro de Cajas.
- SAN PEDRO DE CAJAS; Junín 1115/7552 (USBGN)
4,014 m (CNG); Río Chanchamayo drainage (MHA as "San Pedro de Cacas"); Jelski, between Cacas and Palcamayo (Taczanowski, 1884a:242, as "Cucas"); Vaurie, 1972:8, as "Cacas," variant "Cucas."

- SAN PEDRO DE CASTA; Lima 1146/7631 (USBGN)
ca. 3,000 m, upper Santa Eulalia valley (MHA); Hocking, 11,000 ft [3,355 m] and puna above, at 14,000 ft [4,270 m], May 1981 (FMNH).
- SAN PEDRO DE CUMBASA; San Martín ca. 0632/7618 (Vaurie)
Near Tarapoto, Garlepp, Dec. 1885-May 1886 (Berlepsch, 1889b:289, as "San Pedro de Cumbase"); Garlepp (Vaurie, 1972:30), variants Cumbasa, Cumbase; these = San Antontio de Cumbasa (Lamas, 1976:19), variant Cumbare.
- SAN PEDRO DE CUMBASE (Berlepsch, 1889b:289); see San Pedro de Cumbasa.
- SAN PEDRO DE LEIMEBAMBA; Amazonas Not located
S of Leimebamba [0641/7747 (USBGN)], right bank of Río Utcubamba, Ruschi, 2,900 m in spiny shrub and savanna among cultured fields, Oct. 1962 (Ruschi, 1964:1); possibly = San Pedro, Amazonas, of Baron and Watkins.
- SAN PEDRO DE LLOC; La Libertad 0726/7931 (USBGN)
43 m (CNG); coastal plain, ca. 5 km from sea (MHA); Orton, Boucard (Vaurie, 1972:30); Boucard did not visit Peru, contra Vaurie (Plenge, in litt.); Hocking, July 1976 (FMNH).
- SAN PEDRO DE LOS INCAS; Tumbes 0336/8029 (USBGN)
Near coast just S of Tumbes (IGM); Ortiz de la Puente, May 1951 (MHNJP as "Corrales").
- SAN PEDRO, PLAYA; Lima ca. 1219/7654 (Plenge)
Beach of Lurín in front of Isla Pachacamac, LSU party (LSUMZ); Plenge, 1974:327.
- SANQUIBAMBA; Ayacucho 1505/7348 (USBGN)
J. Kalinowski, Nov. 1893 at 11,000 ft [3,355 m] (Berlepsch & Sztolcman, 1906:66); "Coracora," Kalinowski (Vaurie, 1972:30).
- SAN RAFAEL Not located
Sztolcman, Mar. 1884 (MHNJP).
- SAN RAMÓN; Junín 1108/7520 (USBGN)
820 m (CNG); at point where Río Palca and Río Tulumayo join to form Río Chanchamayo (MHA as "San Román"); upper tropical forest in Andean foothills, forest fairly well destroyed near town, LSU party (LSUMZ); Hocking, Oct. 1967 at 2,500 ft [765 m] (FMNH), variant Ramón; Schunke, May 1941 at 800 m (FMNH); Anderson, May-June 1914 at ca. 2,900 ft [885 m] (FMNH); Weyrauch, July 1941 (FMNH); Simons, Mar. 1900 at 1,000 m (Chubb, 1919b:4); Tuttle, June 1964, 2,900 ft [885 m] (Tuttle, 1970:82); Andrews Univ. party, edge of jungle, 2 km NE, June 1964 at 2,900 ft [885 m], 2.7 mi [4 km] SW at 2,770 ft [845 m], June 1964, 3 mi [5 km] SW at 2,800 ft [854 m], June 1964 (FMNH).
- SAN ROMÁN (MHA); see San Ramon.

- SANTA, ISLA DE; Ancash 0902/7841 (USBGN)
Guano island, ca. 10 km NW of Chimbote (MHA); Tovar, 1969:527.
- SANTA, RÍO; Ancash 0858/7839 (USBGN)
Rises ca. 1010/7717, flows NNW between Cordillera Blanca and Cordillera Negra, then turns SW to Pacific as border between Ancash and La Libertad (MHA); H.-W. Koepcke, 1961:35.
- SANTA ANA; Cuzco 1252/7243 (USBGN)
A few km SW of Quillabamba on Río Urubamba (MAPA); 3,480 ft [1,060 m], historic ornithological site, formerly a mission, then a hacienda, in arid tropical zone, Heller, Oct. 1915 (Chapman, 1921b:22); Castelnau and Deville (Vaurie, 1972:30); J. Kalinowski, ca. 3,600 ft [1,098 m], June-Dec. 1894 (Berlepsch & Sztolcman, 1906:73); Chapman Expedition, July 1916 (Chapman, 1921b:22); located at Quillabamba (LSUMZ); Kalinowski sites in vicinity are: Pacaymayo, Idma, San Miguel, Paltaypampa, Pampa de Derrumbe, Potrero, Puncios; see, also, Santa Ana, Valley of, and Convención, Valle del.
- SANTA ANA; Piura 0455/8027 (USBGN)
ca. 100 m, on Río Piura (MHA); M. Koepcke, Apr. 1956, ca. 70 m (MHNJP as "Hacienda Santa Ana"); Koepcke's longitude, 0456/8003 (H.-W. Koepcke, 1961:35), does not agree with MHA or USBGN.
- SANTA ANA, RÍO; Puno Not located
Between Checayani [1449/7001 (USBGN)] and Azángaro [1455/7013 (USBGN)], de Macedo, Feb. 1966 at 3,900 m (MHNJP).
- SANTA ANA, VALLEY OF; Cuzco ca. 1252/7243 (Chapman)
Alto Río Urubamba valley around Santa Ana, wide with gentle slopes, semi-arid pocket, Heller, Oct. 1915 and Chapman Expedition, July 1916 (Chapman, 1921b:22); Whitely, 1868 at Potrero, Maramora and Huiro (Sclater & Salvin, 1876:16, as "Santa Anna Valley"); collector ?, Nov. 1923 (Bond, 1954b:167); valley of Alto Río Urubamba before its junction with Río Yanatili [ca. 1236/7300 (Lamas)] (Lamas, 1976:22); see, also, La Convención, Valle de.
- SANTA ANNA, VALLEY OF (Sclater & Salvin, 1876:16); see Santa Ana, Valley of.
- SANTA CECILIA; Loreto Not located
Somewhere on Río Maniti [0327/7251 (USBGN)], C. Kalinowski, Jan. 1957 (FMNH).
- SANTA CLARA; Ancash 0828/7725 (USBGN)
ca. 3,000 m, on Río Grande (or Rúpac) affluent of Río Sihuas, left bank of Río Marañón drainage (MHA); 11,000-12,000 ft [3,355-3,660 m], Carriker, Apr. 1932 (Bond, 1945:20; 1947a:150); correct name Hacienda Santa Clara, on Quebrada Ollucoragra, affluent of Río Rúpac (Lamas, in litt.).
- SANTA CRUZ; Cajamarca 0540/7842 (USBGN)
ca. 500 m, between Jaén and Bellavista, left bank of Río Marañón drainage (IGM); LSU party (LSUMZ).

- SANTA CRUZ; Cajamarca** 0637/7857 (USBGN)
ca. 2,035 m (IGM); Río Chancay drainage (MHA); Ortiz de la Puente, Apr. 1951 at 1,600 m, valley of Huamboyo (MHNJP); also known as Santa Cruz de Succhubamba (Lamas, in litt.).
- SANTA CRUZ; Loreto** 0533/7548 (USBGN)
149 m (CNG); right bank of Río Huallaga (MHA); Bartlett, 1868 (Sclater & Salvin, 1873b:254).
- SANTA CRUZ; Pasco** ca. 1037/7520 (LSUMZ)
2,050 m, ca. 9 km SSE of Oxapampa [1034/7524 (USBGN)], LSU party, Feb.-Mar. 1982 (LSUMZ).
- SANTA ELENA; Huánuco** Not located
ca. 35 km NE of Tingo María [0918/7559 (Lamas)] on the Carretera Central, LSU party, June 1967 at ca. 1,000 m (O'Neill, 1969:3); O'Neill, Aug. 1968, Tallman, Dec. 1972 (MHNJP, also as "Hacienda Santa Elena").
- SANTA ELENA; Loreto** ca. 0450/7413 (FMNH)
On Río Samiria [0442/7413 (USBGN)], ca. 10 km from mouth, C. Kalinowski, Nov.-Dec. 1956 at 130 m (FMNH); Ortiz de la Puente, Aug. 1952 (MHNJP).
- SANTA EULALIA; Lima** 1151/7641 (USBGN)
1,036 m (CNG); on Río Santa Eulalia, ca. 5 km above its confluence with Río Rímac (MHA); Zimmer, Apr. 1922 at 3,500 ft [1,070 m] (FMNH); Zimmer, 1930:235; arid tropical zone, Griswold, Feb. 1939 at 3,500 ft [1,070 m] (Peters & Griswold, 1943:282, 284; FMNH as "Eulalia"); H.-W. Koepcke, 1961:35.
- SANTA EULALIA, RÍO; Lima** 1153/7640 (USBGN)
Río Rímac affluent (MHA); bare cactus covered slopes, Zimmer, Apr. 1922 (FMNH); M. Koepcke, Mar. 1966, upper river at 4,100 m, *Polylepis* forest (MHNJP); M. Koepcke, 1958:164; LSU party at altitudes from 4,000-4,500 m, 1973 (Plenge, in litt.).
- SANTA INÉS; Huancavelica** 1312/7505 (USBGN)
ca. 4,000 m (MHA); between L. Choclococha and L. Orcococho (IGM); Morrison, Nov. 1937 at 14,300 ft [4,360 m] (Morrison, 1939b:459, as "Santa Inez").
- SANTA INEZ (Morrison, 1939b:459); see Santa Inés.**
- SANTA ISABEL** Not located
Possibly Santa Isabel, Loreto, ca. 0545/7434, on right bank of Río Ucayali (IGM); "Río Ucayali," Schunke, Feb.-Mar. 1943 (MHNJP).
- SANTA ISABEL** Not located
Weyrauch, Mar. 1942 (FMNH).
- SANTA ISABELLA; Pasco** Not located
Possibly = Santa Isabel [ca. 1025/7446 (IGM)]; Andrews Univ. party, June, July 1968 at 1,700 ft [519 m] and 1 mi [1.6 km] E at 1,500 ft [458 m] (FMNH).

SANTA ISIADORA (ANSP); see Santa Isidora.

SANTA ISIDORA; Pasco ca. 1025/7455 (Lamas, in litt.)
Across Río Azupizu from Puerto Yessup [1027/7454 (USBGN)], Carriker
and Newbold, Feb. 1930 (ANSP), variant Santa Isidora.

SANTA LUCÍA; Puno (Carriker, 1930:457); see Santa Lucía, Estación.

SANTA LUCÍA; Tumbes ca. 0330/8025 (Vaurie, 1972:30)
Small town near Curaracha [= Cucaracha], near mouth of Río Tumbes,
Jelski and Sztolcman, Sept.-Dec. 1876, Jan.-Feb. 1877 (Taczanowski,
1877a:319, as "Santa Luzia"); Raimondi (Taczanowski, 1884a:112).

SANTA LUCÍA, ESTACIÓN; Puno 1542/7036 (USBGN)
4,039 m, railroad station, ca. 65 km W of Lago Titicaca (MHA as "Santa
Lucía"); pampa, rock outcrop and small lake, Carriker, Apr. 1931 at
13,325 ft [4,065 m] (ANSP; Carriker, 1930:457, as "Santa Lucía");
collector ?, 6 mi [10 km], SSW at 13,500 ft [4,118 m] (MVZ as "Santa
Lucía").

SANTA LUZIA (Taczanowski, 1877a:319); see Santa Lucía, Tumbes.

SANTA MARÍA; Loreto ca. 0305/7155 (Vaurie)
"Haut Amazonne," Castelnau and Deville (Vaurie, 1972:30); one day from
Pebas [0320/7149 (USBGN)] (Paynter, in litt.).

SANTA MARÍA; Pasco Not located
Clearing where Carriker collected near Eneñas [1045/7514 (USBGN)]
(ANSP).

SANTA MARÍA DE CRUCES; Junín Not located
In region of Andamarca [1146/7444 (USBGN)], Tschudi (Vaurie, 1972:30).

SANTA MARÍA DEL VALLE; Huánuco 0951/7608 (USBGN)
ca. 1,500 m, right bank of Río Huallaga, ca. 12 km downriver from
Huánuco (MHA); Hocking, Dec. 1969 at 6,000 ft [1,830 m] (FMNH as
"Valle").

SANTA RITA; Cuzco ca. 1311/7230 (Vaurie)
"Urubamba Canyon," Chapman, Cherrie (Vaurie, 1972:30); Zimmer,
1936b:7).

SANTA ROSA; Amazonas (MHA); see Santa Rosa de Huayabamba.

SANTA ROSA; Amazonas 0524/7830 (Vaurie)
Watkins (Vaurie, 1972:30); not on any map, possibly = Santa Rosa,
Cajamarca [0522/7841 (USBGN)] on left bank of Río Chinchipe.

SANTA ROSA; Apurímac 1409/7240 (USBGN)
ca. 3,000 m, Río Oropesa valley (IGM); Hocking, Villar, Jan. 1977 at
12,000 ft [3,658 m] (FMNH).

SANTA ROSA; Ayacucho Not located
On trail from Río Apurímac at Luisiana [ca. 1239/7344 (IGM)] to Tambo
[1256/7401 (USBGN)], Weske and Terborgh (LSUMZ).

- SANTA ROSA; Cajamarca ca. 0550/7843 (MAPA)
On Río Chamaya, ca. 8 km W of Río Marañón (MAPA); Marañón valley
in region of Choros, Sztolcman (Vaurie, 1972:30).
- SANTA ROSA; Cuzco 1259/7239 (USBGN)
ca. 800 m, town on Río Urubamba, ca. 14 km N of Machu Picchu (MHA);
Chapman, Cherrie (Vaurie, 1972:30).
- SANTA ROSA; Huancavelica Not located
"Below Huancavelica" [1246/7502 (USBGN)], Morrison (Vaurie, 1972:30).
- SANTA ROSA; Junín 1043/7351 (USBGN)
ca. 300 m, town on Río Ucayali, ca. 5 km below confluence of Río
Urubamba and Río Tambo (MHA); Olallas (Vaurie, 1972:30).
- SANTA ROSA (USBGN); see Santa Rosa de Ocopa.
- SANTA ROSA; Loreto, now Ucayali Not located
Upper Río Ucayali, on left bank, Olalla and Sons, Nov.-Dec. 1927
(Zimmer, 1931b:2); IGM shows 2 Santa Rosa's on left bank of Río
Ucayali, one at 0833/7422 (USBGN) and another at ca. 0848/7434.
- SANTA ROSA, ISLA; Ica 1419/7610 (USBGN)
In Bahía de la Independencia (MHA); Coker, July 1907 (Coker, 1920:460);
Murphy (Vaurie, 1972:30, as "Santa Rosita Is."); Hancock Expedition, Jan.
1935 (Garth, 1937:3); Tovar, 1962-1965 (Tovar, 1969:527).
- SANTA ROSA, MONTAÑA DE; Cajamarca Not located
Near Chugur [0640/7845 (USBGN)], W slope, W Andes, M. Koepcke, Mar.
1958, temperate forest (MHNJP); between Chugur and Ninabamba [=
Minabamba, 0640/7847 (USBGN)] (H.-W. Koepcke, 1961:35).
- SANTA ROSA DE HUAYABAMBA; Amazonas 0622/7725 (USBGN)
ca. 1,500 m, on upper Río Huambo (MHA as "Santa Rosa"); probably =
Sztolcman's "Huayabamba, Loreto, near Hualama" [ca. 0622/7734 (MHA)]
(Vaurie, 1972:17); Baron, Aug., Sept. 1894 at 4,500 ft [1,375 m] (Chubb,
1917:5, as "Guayabamba"); Garlepp, "mountains of Rioja, Huayabamba,
Guayabamba" (Berlepsch, 1889b:97).
- SANTA ROSA DE OCOPA; Junín ca. 1153/7518 (Lamas, in litt.)
3,376 m (CNG); near Concepción, Castro, Sept. 1970, 3,680 m (MHNJP);
USBGN as "Santa Rosa."
- SANTA ROSITA ISLAND (Vaurie, 1972:30); see Santa Rosa, Isla.
- SANTA SOFÍA, ISLA DE (MVZ); = Santa Sofía, Isla de, Amazonas, Colombia.
- SANTIAGO (Vaurie, 1972:30); see Santiago de Chuco.
- SANTIAGO, RÍO; Amazonas 0427/7738 (USBGN)
Begins as confluence of many rivers just across Ecuador border, flows S
to left bank of Río Marañón (IGM); Schunke (Vaurie, 1972:30, as
"Santiago, Río, Loreto"); Hocking, Dec. 1973, Feb. 1965 (FMNH);
Zimmer, 1937b:4, as "Santiago."

- SANTIAGO, RÍO; Loreto (Vaurie, 1972:30); see Santiago, Río, Amazonas.
- SANTIAGO DE CHUCO; La Libertad 0809/7811 (USBGN)
3,099 m (CNG); town on tributary to Río Santa (MAPA); Baron, Raimondi, Ridoutt (Vaurie, 1972:30, as "Santiago"); Raimondi (Taczanowski, 1884b:484, as "Santiago"); collector ?, 10 mi [16 km] WNW at 13,000 ft [3,965 m] (MVZ).
- SANTO DOMINGO; Puno 1351/6941 (USBGN)
1,689 m, in Río Inambari valley on Limbani/Astillero road (MHA); ca. 12 mi [19 km] N of Oroya, general area of gold mine near town called Inca Mine as it belongs to Inca Mining Co. (Plenge, in litt.); Ockenden, Ockenden and Watkins (Vaurie, 1972:30); Sanborn, Oct.-Nov. 1941 at 6,000 ft [1,830 m] (FMNH); Carriker at 6,000 ft [1,830 m], June 1931 (ANSP; Carriker, 1931:461); Watkins, Aug.-Sept. 1918 at 6,000 ft [1,830 m] (Zimmer, 1935b:33); Keays, Dec. 1899, June, Aug. 1900 (Chapman, 1901:225, as "Inca Mine"); Inca Mine "near San Domingo" (Vaurie, 1972:18); Bond, 1955a:208.
- SANTO LORES (MHNJP); see Sargento Lores.
- SAN VICENTE DE CAÑETE; Lima 1305/7624 (USBGN)
On Panamerican Highway, ca. 150 km SSE of Lima (IGM); O'Neill, Aug. 1972 (Plenge, 1974:326, as "Cañete"); Farr, Feduccia, and O'Neill, Nov. 1964 on coast at Hacienda Don Germán (Plenge, 1974:328); ca. 40 m (LSUMZ); H.-W. Koepcke, 1961:28, as "Cañete").
- SAPAHUA, RÍO (Vaurie, 1972:31); see Shepahua, Río.
- SAPALACHE (Graves, 1980:3); see Zapalache.
- SAPOSOA; San Martín 0656/7648 (USBGN)
307 m (CNG); on upper Río Saposo, left bank of Río Huallaga drainage (MHA); 1,800 ft [550 m], SW of Shapaja, Carriker, Oct., Nov. 1933 (Bond, 1945:21; Carriker, 1935:350); Ortiz de la Puente, Sept. 1948 (MHNJP).
- SARACOCHA, LAGUNA; Puno ca. 1545/7040 (MAPA)
Lake ca. 2 km E of L. Lagunillas and ca. 6 km S of Santa Lucía, Estación (MAPA); MHA calls this lake L. Cachipascana and gives the name Saracocha to what, on other maps, is called L. Lagunillas; Holmes (Vaurie, 1972:30); S side of RR track (Plenge, in litt.).
- SARASARA (Vaurie, 1972:30); see Sara Sara, Nevado.
- SARA SARA, NEVADO; Ayacucho 1519/7327 (USBGN)
ca. 4,500 m, mountain on W slope W Andes (MHA as "Nudo Sarasara"); J. Kalinowski, Mar. 1894 (Berlepsch & Sztolcman, 1906:66, as "Salarazara"); Vaurie, 1972:30, at 1524/7318, variants Salasara and Nudo de Sarasara.
- SARAYACU; Loreto 0644/7506 (USBGN)
125 m (CNG); town in Río Ucayali valley on left bank tributary, Río Sarayacu (IGM); Bartlett, summer 1865 (Sclater & Salvin, 1873b:252); Heller, Mar. 1923 (FMNH); Garlepp, Nov.-Dec. 1884-Jan. 1885 (Ber-

- lepsch, 1889b:289); Olalla and Sons, July-Aug. 1927 (Zimmer, 1932c:5); Deville, 1846 (DesMurs, 1855:9, as "Mission de Sarayacu"); Garlepp, Hauxwell, Raimondi, Berlepsch (Vaurie, 1972:30, as "Mision de Sarayacu"); Berlepsch did not collect in Peru (Plenge, in litt.); Hargitt, July 1865 (Warren, 1966:98); not to be confused with Sarayacu, Ecuador (see Jenkinson & Tuttle, 1976:187).
- SARGENTO LORES;** Huánuco Not located
 Río Pachitea, exactly midway between Ganzo Azul [0851/7444 (USBGN)] and mouth of river where it joins Río Ucayali [0846/7432 (USBGN)], Schunke, Nov.-Dec. 1947 (MHNJP); variants Loris, Lores, and Santo Lores.
- SARIAPAMPA;** Huánuco ca. 0943/7554 (Hocking)
 Near Pillao, Hocking and Villar, Oct. 1973, 2,000 m (MHNJP); FMNH, also as "Seriapampa"; see, also, Sariapunta.
- SARIAPUNTA;** Huánuco ca. 0943/7554 (Hocking)
 Near Pillao, Hocking and Villar, Oct. 1973, 3,000 m (MHNJP); collector ?, 10,500 ft [3,203 m] above Llancomagón [ca. 0945/7600] (Blake & Hocking, 1974:323); see, also, Sariapampa.
- SARNAPAYCHA;** Junín Not located
 Near Maraynioc [1122/7524 (USBGN)] in Vftoc valley (Vaurie, 1972:30); J. Kalinowski, Nov. 1893 (Sztolcman & Domaniewski, 1927:141).
- SATIPO (MHNJP);** see San Francisco de Satipo.
- SAUCE;** Cajamarca 0550/7844 (USBGN)
 ca. 1,000 m, left bank of Río Marañón valley, on Río Chamaya (MHA); Sztolcman, Watkins (Vaurie, 1972:31), variant Sauces.
- SAUCE GRANDE;** Piura ca. 0423/8046 (LSUMZ)
 ca. 500 m (IGM); ca. 10 km NNE of El Angolo, junction, arid scrub and seasonally dry forest, LSU party (LSUMZ).
- SAUCES (Vaurie, 1972:31);** see Sauce.
- SAYACHARCA;** Cuzco Not located
 Yábar Mato, Sept. 1941 near ruins (MHNJP).
- SAYÁN;** Lima ca. 1108/7712 (MHA)
 685 m (CNG); on Río Huaura (MHA); Watkins (Vaurie, 1972:31); Ramírez, May 1953 (MHNJP); Zimmer, 1950e:26; Naumburg, 1933:15 as "Sayana."
- SAYANA (Naumburg, 1933:15);** see Sayán.
- SAYUN** Not located
 Collector ? (Chapman, 1919b:267); may = Sayán, Lima [ca. 1108/7712 (MHA)].
- SCHIZMAY (Zimmer, 1930:236);** see Hacienda Shismay.

- SECA, QUEBRADA; Arequipa 1544/7417 (USBGN)
Pacific drainage (IGM as Quebrada "Seca Lucmilla"); M. Koepcke, above
Hacienda Parcoy, near Chala, Jan. 1960 at 600 m (M. Koepcke, 1965:
154).
- SECHURA; Piura 0533/8051 (USBGN)
11 m (CNG); near mouth of Río Piura (MHA); Campbell, Apr. 1970, at
estuary, ca. 0551/8057, 23 mi [37 km] S of Sechura (Campbell, 1971:676);
Vaurie, 1972:31; Raimondi (Taczanowski, 1884b:418); H.-W. Koepcke,
1961:35; collector ?, 1 km N at 100 ft [31 m] (MVZ).
- SECHURA, DESIERTO DE; Piura 0550/8040 (USBGN)
Large desert area in S Piura (MAPA); Vaurie, 1972:14.
- SECO DE SAN GREGORIO, RÍO; La Libertad 0711/7925 (USBGN)
Small coastal river (MHA); doesn't reach sea (H.-W. Koepcke, 1961:35, as
"San Gregorio, Río").
- SECO, RÍO; San Martín ca. 0609/7715 (Vaurie)
ca. 30 mi [48 km] W of Moyobamba, Watkins, July 1925 at 3,000 ft [915
m] (Chapman, 1928:9); Watkins (Vaurie, 1972:31).
- SEGRAVIO (Chubb, 1919b:4); see Sagrario.
- SENDAMAL; Cajamarca ca. 0658/7813 (Lamas, in litt.)
ca. 3,500 m, E. slope, W Andes (MHA); midway between Cajamarca and
Celendín, Carriker at 11,000 ft [3,355 m] (Bond, 1945:21, as "Sandomal");
Vaurie, 1972:31, variant Sandamal; LSU party (LSUMZ).
- SEPAHUA, RÍO (Vaurie, 1972:31); see Shepahua, Río.
- SERIAPAMPA (FMNH); see Sariapampa.
- SEQUES; Lambayeque ca. 0654/7918 (Vaurie)
Watkins (Vaurie, 1972:31); Zimmer, 1934a:19; Fitzpatrick, 1980b:886.
- SERRAN; Piura 0526/7947 (USBGN)
Small town on Río Piura (IGM); on Huancabamba Road, arid scrub, LSU
party (LSUMZ).
- SHAIM (Olson, 1980:73); see Río Cenepa.
- SHALCA Not located
Probably = Pallca [not located], a Sztolcman locality (Vaurie, 1972:31).
- SHANNSI (Berlepsch, 1889b:97); see Shanusi.
- SHANUSI; San Martín 0607/7615 (USBGN)
ca. 500 m, on Río Shanusi, left bank of Río Huallaga drainage (IGM);
Garlepp, May-Nov. 1885 (Berlepsch, 1889b:289); "near Yurimaguas"
(Brack Egg, 1970:242); Berlepsch, 1889b:97, as "Shannsi".
- SHANYN Not located
Probably not far from Tambillo, Cajamarca [0610/7845 (IGM)], Sztolcman

and Jelski, Nov. 1877, 7,200 ft [2,195 m] (Taczanowski, 1884a:497); may be on Río Chamaya [0544/7839 (USBGN)], Sztolcman and Jelski, Raimondi (Vaurie, 1972:31).

SHAPAJA; San Martín 0636/7616 (USBGN)
207 m (CNG); left bank of Río Huallaga (MHA); 1,300 ft [395 m],
Carriker, Nov. 1933 (Carriker, 1934a:326); Vaurie, 1972:31, as "Shapaya."

SHAPAYA (Vaurie, 1972:31); see Shapaja.

SHAWAYA; Loreto, now Ucayali ca. 0830/7430 (FMNH)
Indian village on upper Río Ucayali, Hocking, July 1962 (FMNH).

SHEPAHUA, RÍO; Loreto, now Ucayali 1110/7304 (USBGN)
Rises near Madre de Dios border, flows W to join right bank of Río
Urubamba (IGM); mouth at 1103/7240 (MHA as "Sepahua, Río"); Bassler
(Vaurie, 1972:31, as "Sepahua, Río" or "Sapahua, Río").

SHIGRIAY (Vaurie, 1972:31); see Shigriay Tambo.

SHIGRIAY TAMBO; Ancash Not located
May = Chiquián [1009/7711 (USBGN)], Simons (Vaurie, 1972:31, as
"Shigriay"); Simons, Dec. 1899 at 1,600 m, 2 days from Marca [1005/7730
(USBGN)] (Chubb, 1919b:4); IGM altitude for Chiquián, 3,401 m, does not
correlate with Simons' altitude of 1,600 m, so perhaps these are not the
same localities; possibly = Shihuay on Río Fortaleza, ca. 1016/7735,
although altitude is only 900 m (Lamas, in litt.).

SHILIVI, RÍO (FMNH); see Chilive, Río.

SHINGUITO COCHA (MHNJP); see Shirguita Cocha.

SHINTUYA; Madre de Dios ca. 1240/7113 (IGM)
Right bank of Río Alto Madre de Dios (IGM); Fitzpatrick, Aug. 1979
(FMNH); Fitzpatrick and Willard, ca. 17 km downstream on left bank, ca.
420 m in broken forest with bamboo, also 7-12 km downstream, left
bank, July, Aug. 1980, Oct. 1981 (FMNH); see, also, Pantiacolla,
Cordillera del.

SHIPASBAMBA; Amazonas 0555/7800 (USBGN)
1,285 m (CNG); ca. 36 km NNW of Chachapoyas on Río Utcubamba
(IGM); collector ?, 1,300 m (MVZ).

SHIRGUITA COCHA; Loreto Not located
On Río Samiria [0442/7413 (USBGN)], probably near mouth, Ortiz de la
Puente, Aug. 1952 (MHNJP), variant Shinguito Cocha.

SHILTE (MHNJP); see Shite.

SHITE; La Libertad ca. 0743/7842 (Lamas, in litt.)
Near Hacienda Llaguén [ca. 0742/7844 (Lamas)], Prentice, Apr. 1951 at
3,200 m (MHNJP), variant Shilte.

- SHUHUAYA; Loreto, now Ucayali Not located
Just W of Río Ucayali, not far W of Bolognesi [1001/7405 (USBGN)],
Andrews Univ. party, 1964 (Thoresen, in litt.).
- SHUMBA; Cajamarca 0529/7845 (USBGN)
ca. 700 m, on upper Río Shumba, left bank of Río Marañón tributary
(MHA); ca. 20 mi [32 km], N of Jaén, Carriker, Aug. 1933 at ca. 1,500
ft [460 m] and 2,300 ft [701 m] (Carriker, 1934a:323; Bond, 1947a:127);
Vaurie, 1972:31.
- SHUSHUNGA, RÍO (IGM); see Chuchungus, Río.
- SICUANI; Cuzco 1416/7113 (USBGN)
3,554 m (CNG); right bank of Río Vilcanota (MHA); Garlepp (Vaurie,
1972:31).
- SIERRA DE CARABAYA (Brack Egg, 1970:88); see Carabaya, Cordillera de.
- SIGUIRI; Loreto ca. 0247/7637 (Vaurie)
Berlioz (Vaurie, 1972:31); Berlioz did not collect in Peru (Plenge, in litt.).
- SILACA; Arequipa 1549/7425 (USBGN)
Near Chala, Hocking, Feb. 1974 at 1,000 ft [305 m] (FMNH).
- SILLA DE PAITA (H.-W. Koepcke, 1961:35); see Silla de Paita, Cerro.
- SILLA DE PAITA, CERRO; Piura 0512/8109 (USBGN)
ca. 390 m, mountain range S of Paita (MHA); H.-W. Koepcke, 1961:35,
as "Silla de Paita"; M. Koepcke, Nov. 1950 (M. Koepcke, 1961a:5).
- SILLAPATA; Huánuco ca. 0942/7643 (IGM)
ca. 3,000 m, upper Río Marañón (MHA); Jelski, Raimondi (Vaurie, 1972:
31); USBGN coordinates in error.
- SILLAPATA; Junín Not located
1/2 way on road between Hachapata [not located] and Pumamarca [not
located], beginning of high open country, Jelski at 7,000 ft [2,135 m],
Feb. 1873 (Taczanowski, 1884a:72); Taczanowski, 1874b:512, as "Silla-
peta"); possibly near Acaricocha [1109/7546 (USBGN)].
- SILLAPETA (Taczanowski, 1874b:512); see Sillapata, Junín.
- SILLUSTANI; Puno Not located
On Laguna Umayo [1544/7010 (USBGN)], Smyth, Apr. 1940 (FMNH).
- SILVERA, RÍO; Cuzco Not located
Near Huajyumbé [ca. 1315/7035 (FMNH)], C. Kalinowski, July 1950 at
600 m (FMNH).
- SIMBAL; La Libertad 0758/7849 (USBGN)
576 m (CNG); on right bank of Río Sinsicap, ca. 30 km upstream from
Trujillo (MAPA); Watkins (Vaurie, 1972:31).
- SINCHONA (FMNH); see Fundo Cinchona.

SIRA, CERROS DEL (Terborgh & Weske, 1975:564); see Sira, Pico.

SIRA PICO; Huánuco 0921/7443 (USBGN)
2,400-2,500 m (contra MHA alt.), isolated outlier of Andes between Ríos Pachitea and Ucayali, covered with undisturbed humid forest, Weske and Terborgh, 1969, 1971, from 600-2,200 m (Terborgh & Weske, 1975:564); M. Koepcke, Terborgh & Weske, July, Aug. 1969, 1,300-1,950 m, near Río Lullapichis [= Río Yuyapichis (IGM)] (MHNJP); Sanchez S., SW slopes, ca. 0926/7445, 1,200 m, July 1969 (Weske & Terborgh, 1971:233, as "Cerros del Sira").

SITA, QUEBRADA DE; Puno Not located
"Huancané" [1512/6946 (USBGN)], Ortiz de la Puente, Feb. 1948 (MHNJP).

SOCATA, RIO (MHA); see Súcota Valley.

SOCORONA (Vaurie, 1972:31); see Sororona.

SOCORRO; Junín Not located
13,200 ft [4,025 m], E of side of Lago de Junín [1102/7606 (USBGN)], Carriker and Newbold, Apr. 1930 (ANSP).

SÓCOTA; Cajamarca 0618/7844 (USBGN)
1,800 m (CNG); town ca. 15 km downriver from Cutervo on Río Súcota, Río Marañón drainage (MHA); Sztolcman (Vaurie, 1972:14); 2,750 m (Lamas, 1976:23).

SÓCOTA VALLEY; Cajamarca ca. 0618/7834 (MHA)
According to MHA, Río Súcota [= Río Cutervo (IGM)] rises at ca. 0624/7856, flows ENE to join Río Lascar at ca. 0618/7834; Ríos Cutervo or Súcota are not listed in USBGN; Sztolcman (Vaurie, 1972:31); see, also, Súcota.

SOLAIO; Piura Not located
Probably "above Saulaca," which is ca. 0530/7930 (Vaurie), Warszawicz (Vaurie, 1972:31).

SOMATE; Piura 0445/8033 (USBGN)
ca. 100 m on Río Chira (MHA); Watkins (Vaurie, 1972:31), variant Samata; Dreyfus, Mar. 1941, thickets near rice field (MHNJP as "Hacienda Somate"); Watkins, May 1919 at 250 ft [76 m] (Chapman, 1923d:3, as "Samate").

SOMBRERILLOS; Arequipa ca. 1530/7457 (Tovar)
Guano point near Punta Lomas, Tovar, 1962-1965 (Tovar, 1969:527).

SÓNDOR; Arequipa 1530/7336 (USBGN)
ca. 3,000 m, near headwaters of Quebrada de Atico (MHA); J. Kalinowski, Mar. 1894 (Berlepsch & Sztolcman, 1906:70, as "Sóndor, Ayacucho").

SÓNDOR; Ayacucho (Berlepsch & Sztolcman, 1906:70); see Sóndor, Arequipa.

- SÓNDOR; Piura 0519/7925 (USBGN)
2,050 m (CNG); near Huancabamba, Noble, Aug. 1916 (Bangs & Noble,
1918b:446); Vaurie, 1972:31.
- SONDORILLO; Piura 0520/7926 (USBGN)
1,888 m (CNG); on Río Huancabamba (MHA); Watkins (Vaurie, 1972:31);
Zimmer, 1936a:8.
- SOQUIÁN; La Libertad 0751/7741 (USBGN)
ca. 2,000 m (MHA); hacienda in arid upper Marañón valley, Carriker,
June 1932 at 8,000-9,000 ft [2,440-2,745 m] (Carriker, 1933:3; Bond,
1947a:148, as "Hacienda de Soquián"; Bond, 1951:80).
- SORAPA; Puno 1622/6939 (USBGN)
On Río Ilave, Smyth, June 1940 (FMNH); Conover, 1950:349.
- SORIANO (Lamas, 1976:24); see Hacienda Soriano.
- SORITOR; Amazonas (Vaurie, 1972:31); see Soritor, San Martín.
- SORITOR; San Martín 0606/7704 (USBGN)
635 m (CNG); on Río Tonchima, left bank of Río Huallaga drainage ca.
15 km SW of Moyobamba (IGM); Vaurie locates Soritor in Amazonas,
Sztolcman (Vaurie, 1972:31), variant Sorritos.
- SORORONA Not located
Froben (Vaurie, 1972:31), variant Socorona; probably = Socoroma in Chile.
- SORRITOS (Vaurie, 1972:31); see Soritor.
- SORRITOS (Vaurie, 1972:36); see Zorritos, Tumbes.
- SUAYO; Loreto ca. 0718/7455 (Vaurie)
Schunke (Vaurie, 1972:31).
- SUCCHA; La Libertad Not located
"No data, but perhaps = Succhubamba [0745/7839 (USBGN)]" (Vaurie,
1972:31); probably = Succha below.
- SUCCHA; La Libertad 0754/7741 (USBGN)
ca. 3,000 m, left bank of Marañón valley (MHA); Baron, Feb. 1895
(FMNH); Vaurie, 1972:31, as "Hacienda Succha"; Baron at 10,000 ft
[3,050 m], Jan.-Mar. 1894 (Warren, 1966:11, as "Suecha"; Salvin, 1897:30).
- SUCHE, LAGO; Moquegua (Voge & Read, 1953:564); see Suche, Laguna, Tacna.
- SUCHE, LAGUNA; Tacna 1656/7023 (USBGN)
ca. 4,000 m, lake in N Tacna (IGM as "Laguna Suches"); Pearson and
Koford, 1952, 5 km E of Lago Suche, Moquegua at 14,600 ft [4,455 m]
and S end of lake, Apr. 1952 (Voge & Read, 1953:564); Plenge, 1982:169.
- SUCHES, LAGUNA (IGM); see Suche, Laguna.

- SUCHIMÁN;** Ancash 0843/7826 (USBGN)
ca. 200 m, on Río Santa ca. 50 km up railway from Chimbote (MHA as "Suchimán Hacienda"); Carriker, Mar. 1932, pasture, rice, willows, ca. 800 ft [244 m] (Carriker, 1933:26; ANSP); Vaurie, 1972:15, as "Hacienda Suchimán."
- SUCRE** (Sanft, 1973:412); see Surco.
- SUCUSARI, RÍO;** Loreto 0316/7254 (USBGN)
Tributary to left bank of Río Napo, ca. 23 km above its confluence with Río Amazonas (IGM); LSU party, just W of mouth, 1 km N of Río Napo at 110 m, May-June 1982 (Schulenberg, in litt.).
- SUECHA** (Salvin, 1895:2); see Succha.
- SULANA** (Chubb, 1919b:3); see Sullana.
- SULLANA;** Piura 0453/8041 (USBGN)
60 m (CNG); on coastal plain, left bank of Río Chira (MHA); Watkins, June 1919 (Chapman, 1926a:14, 78); Simons, July 1899 at 60 m (Chubb, 1919b:3, as "Sulana"); Noble, July 1916 (Bangs & Noble, 1918b:446); Vaurie, 1972:20, as "La Solana"; arid scrub, LSU party (LSUMZ); Dreyfus, Mar. 1941, thickets near rice field at Hacienda Somate (MHNJP); collector ?, 87 m (H.-W. Koepcke, 1961:35).
- SUMBAY;** Arequipa 1558/7123 (USBGN)
ca. 4,000 m (MHA); Sanborn and Schmidt, Aug. 1939 at 13,500 ft [4,120 m] (FMNH); Simons, June 1900 at 4,275 m on Río Vitor (Chubb, 1919b:4); Vaurie, 1972:31.
- SUMBILCA;** Lima 1125/7650 (USBGN)
3,325 m (CNG); ca. 40 km E of Chancay, LSU party (LSUMZ).
- SUNCHUBAMBA;** Cajamarca 0729/7824 (USBGN)
ca. 2,500 m, upper Chicama valley, ca. 40 km SE of Cajamarca (MHA); M. Koepcke, Aug. 1958, Bosque de Suro, at 2,650 m (M. Koepcke, 1961a:11; MHNJP); FMNH as "Hacienda Sunchubamba"; H.-W. Koepcke, 1961:35).
- SUPE;** Lima 1048/7744 (USBGN)
45 m (CNG); ca. 5 km from coast (IGM); at mouth of Río Supe (H.-W. Koepcke, 1961:36).
- SUPUNA** (Ménégaux, 1910b:319); see Lopuna.
- SURCO;** Lima 1152/7628 (USBGN)
2,018 m (CNG); Río Rímac valley (MHA); Simons, Feb. 1900 at 2,050 m (Chubb, 1919b:4); Tschudi, 6,000-7,000 ft [1,830-2,135 m] (Tschudi, 1844-1846:228); Twomey, 1,828-2,438 m, below Surco to above Matucana [1151/7624 (USBGN)] (Plenge, 1974:329); collector ?, 2,000 m (MVZ); ca. 2,200 m brush covered slopes, agriculture in valley, LSU party (LSUMZ); M. Koepcke, Oct. 1953, 2,300-2,500 m, above Surco (M. Koepcke, 1958:165); Sanft, 1973:412, as "Sucre"; H.-W. Koepcke, 1961:36.

- SURDO Not located
 Jelski (Vaurie, 1972:31).
- SURITE (Vaurie, 1972:31); see Zurite.
- SURITI (Berlepsch & Sztolcman, 1906:103); see Zurite.
- SURO; Cajamarca Not located
 Relatively natural forest near Sunchubamba [0729/7824 (USBGN)] (H.-W. Koepcke, 1961:36).
- SUWA; Amazonas Not located
 Río Cenepa [0435/7812 (USBGN)], LSU party, 1964 (O'Neill, 1969:9).
- SUYO; Piura 0430/8000 (USBGN)
 399 m (CNG); Río Chira drainage (MHA); M. Koepcke, Apr. 1956 at 400 m (M. Koepcke, 1961a:17), variant Zuyo; 400 m, N of Río Quiróz, an affluent of Río Chira (H.-W. Koepcke, 1961:36).

TABACONAS; Cajamarca 0519/7918 (USBGN)
1,892 m (CNG); on upper Río Tabaconas, left bank Marañón drainage (MHA); humid, subtropical forest, Noble, Aug.-Sept. 1916 at ca. 1,500-2,000 m (Bangs & Noble, 1918b:442).

TACABAMBA; Cajamarca 0623/7837 (USBGN)
2,035 m (CNG); on Río Lasca, tributary to left bank of Río Marañón (MHA); ca. 0624/7834 (Lamas, 1976:24); Zimmer, however, "suggested this may be Tecapampa" [= Ticapampa], Ancash [0945/7727 (USBGN)], Jelski, Sztolcman (Vaurie, 1972:31).

TACNA; Tacna 1801/7015 (USBGN)
562 m (CNG); city in S central Tacna (MHA); LSU party (LSUMZ); d'Orbigny, near Tacna, ca. 2,000 m, June 1833 (Hellmayr, 1921a:235); Garlepp, Hooker (?) (Vaurie, 1972:32); Bridges (Taczanowski, 1884a:354); H.-W. Koepcke, 1961:36; collector ?, 70 km NE on road to Tarata, 3,550 m (MVZ).

TACNA, DEPARTAMENTO DE 1740/7020 (USBGN)
S Peru, bounded on S by Chile, on E by Bolivia, on N by Puno and Moquegua, and on W by Pacific (MAPA).

TACORA; Chile (formerly Peru) Not located
Peru/Chile border at foot of Cerro de Tacora, ca. 1747/6944 (MHA); specimens collected here could be from either country; see Hellmayr, 1925, Cat. Birds America, pt. 4, p. 7 (Plenge, in litt.).

TAHUACocha 1801/7015 (USBGN)
Mt. Yerupaja [= Cerro Yerupaja, 1016/7654 (USBGN)] (Zimmer, 1955:30); Cerro Yerupaja is at boundary of Huánuco, Ancash, and Lima.

TALAHUARRA; Huancavelica Not located
At foot of Chonta Pass [= Chonta, Paso de, 1304/7504 (USBGN)], 15,275 ft [4,660 m], high, arid moorland, Morrison, Oct.-Nov. 1927 (Morrison, 1939b:460).

TALAON (Vaurie, 1972:33); see Tolón.

TALARA; Piura 0434/8117 (USBGN)
Coastal town (MHA); Murphy, Jan. 1925 on cliffs near coast (Chapman, 1925b:6); Osgood, Boulton, Feb. 1941 (FMNH); Sanborn, Pariñas Valley, Aug. 1943 (FMNH); Ortiz de la Puente, May 1951 (MHNJP); H.-W. Koepcke, 1961:36; Tovar, Dec. 1963 (Tovar, 1969:535); collector ?, 14 km N and 13 km E, and 7 km N and 15 km E, 100 ft [31 m] (MVZ).

TALÓN (Chubb, 1919b:3); see Tolón.

TAMARINDO; Piura 0453/8059 (USBGN)
17 m (CNG); ca. 15 km from coast (MHA); Simons, July 1899, Río Caica (Chubb, 1919b:3), variant Famarindo; Vaurie, 1972:32, variants Tamborin and Fomarindo.

TAMAYA, RÍO; Loreto, now Ucayali 0831/7413 (USBGN)
Rises near Brazilian border, flows W and NW to join Río Ucayali, right

bank near Pucallpa (IGM); Tessman (Vaurie, 1972:32); M. Koepcke, June 1958 at mouth, river vegetation (MHNJP); see, also, Tipishca.

TAMBAPOTA (Taczanowski, 1874b:530); see Tambopata.

TAMBILLO; Cajamarca ca. 0610/7845 (IGM as Tambillos)
5,800 ft [1,769 m] (Taczanowski, 1884a:67); there is confusion as to which Tambillo, of several appearing on different maps, is the collecting site of Sztolcman and Jelski, and Carriker; however, both Sztolcman (Taczanowski, 1884a:67) and Carriker (Bond, 1945:21) state that it is on Río Tambillo at edge of, or in, Montaña de Palto, and Sztolcman says the Río Tambillo becomes Río Malleta near its junction with Río Marañón; it is in Provincia de Jaén (now Cutervo [Dicc. Geog.]), district of Cujillo. Although no rivers with the above names appear on recent maps, the MF shows a town of Malleta on Río Marañón just E of Cujillo [0607/7832 (USBGN)]. IGM shows a river rising at ca. 0610/7848, flowing E to join Río Marañón just E of Cujillo, which is presumably Río Tambillo/Malleta. Its source is in Montaña de Amachonga [0615/7845 (USBGN)] of MHA and MF, which presumably = Montaña de Palto. The Tambillos of IGM, whose coordinates are given above, is at the source; these are also the coordinates for Tambillo given by Lamas (in litt., but not 1976:23). Sztolcman and Jelski, 5,800-8,000 ft [1,769-2,440 m], Sept.-Dec. 1877, Jan.-June 1878, Sept. 1879, and at Montaña de Palto, 6.5 km from Tambillo on road to Pimpingos [0556/7849 (USBGN)], 7,000-7,500 ft [2,135-2,288 m] (Taczanowski, 1879:220; Sztolcman, 1926:204); Carriker, 5,800-8,000 ft [1,769-2,440 m], Aug. 1933 on edge of Montaña de Palto (Bond, 1945:21); Raimondi (Vaurie, 1972:32); see, also, Chira; Vaurie, 1972:11 & 23, has further discussions under Chira and Tambillo.

TAMBILLO; Cuzco Not located
Province of La Convención [1200/7300 (USBGN)] (Vaurie, 1972:32); J. Kalinowski, Sept. 1895 (Berlepsch & Sztolcman, 1906:73).

TAMBILLO, RÍO; Cajamarca Not located
Carriker, at Tambillo [0610/7845 (IGM)] on Río Tambillo, on edge of forest known as Montaña de Palto [0610/7848 (Lamas)], at 5,800-8,000 ft [1,770-2,440 m] (Bond, 1945:21); see, also, Tambillo, Cajamarca.

TAMBILLO, RÍO; Huánuco Not located
Small tributary to right bank of Río Huallaga, ca. 25 km S of Tingo María [0918/7559 (IGM)], Heller, Oct. 1922 (FMNH).

TAMBO; Arequipa ca. 1704/7150 (Lamas)
Whitely, near Islay [1702/7206 (USBGN)] (Vaurie, 1972:32); Whitely, "Laguna of Tambo" (Sclater & Salvin, 1868a:173); Lamas, 1976:24.

TAMBO; Ayacucho 1256/7401 (USBGN)
3,219 m (CNG); town ca. 32 km NE of Ayacucho in Río Pampas drainage (IGM); LSU party (LSUMZ).

TAMBO; La Libertad ca. 0735/7842 (H.-W. Koepcke)
ca. 700 m, ca. 62 km upstream from Chicama on Río Chicama (MHA); ca. 1,000 m, hacienda at Casa Grande (H.-W. Koepcke, 1961:36).

TAMBO; Piura 0521/7933 (USBGN)
ca. 3,000 m, town ca. 20 km SW of Huancabamba, C. Kalinowski, May 1954 at 2,830 m (FMNH); M. Koepcke, May 1956, 2,650 m (M. Koepcke, 1958:161).

TAMBO, LAGUNA OF (Sclater & Salvin, 1868a:176); see Tambo, Arequipa.

TAMBO, RÍO; Arequipa 1710/7151 (USBGN)
Rises in cordilleras W of Lago Titicaca and flows WSW to Pacific (IGM); Whitely, in valley of Río Tambo and Laguna de Tambo (perhaps lake near mouth), Oct.-Nov. 1867 (Sclater & Salvin, 1868a:173); von Wedemeyer, 20 km S of Río Tambo, Arequipa/Moquegua Road at 1,100 m, May 1965, cactus (MHNJP); Pontons, Aug. 1928 (MHNJP); Simons, May 1900 at 20 m (Chubb, 1919b:4); Vaurie, 1972:32, lists Simons's Río Tambo in Junín, as it appears in the Chubb reference, but the data and altitude show that Simons was in Arequipa.

TAMBO, RÍO; Junín (Vaurie, 1972:32); see Tambo, Río, Arequipa.

TAMBO, RÍO; Moquegua; see Tambo, Río, Arequipa.

TAMBO CARRIZAL; Amazonas ca. 0647/7752 (MHA)
ca. 2,000 m, town ca. 9 km N of Balsas (MHA); Osgood and Anderson, May 1912 (FMNH).

TAMBO DE AZA; Junín Not located
Near Maraynioc [1122/7524 (USBGN)], J. Kalinowski, Nov., Dec. 1892 (Berlepsch & Sztolcman, 1896:325, 346); Vítoc valley [ca. 1118/7520 (Vaurie)], Kalinowski, Jelski (Vaurie, 1972:32).

TAMBO DE CALLANGATE; La Libertad ca. 0720/7739 (IGM)
ca. 3,000 m, ca. 14 km NE of Bambamarca, right bank of Río Marañón drainage (IGM); on trail between Bambamarca and Cajamarquilla, Carriker at 10,000 ft [3,050 m] (Bond, 1945:18, as "Tambo del Inca, Callangate, Cajamarca"); Vaurie, 1972:8 as "Callangate."

TAMBO DE CHILLO (Lamas, 1976:18); see Chillo.

TAMBO DEL INCA (Bond, 1945:18); see Tambo de Callangate.

TAMBO DE MORA; Ica 1328/7612 (USBGN)
15 m (CNG); coastal town S of Chincha Alta (MHA); Tovar and Ashmole, July, Aug. 1967 (Tovar and Ashmole, 1970:121).

TAMBO DE VACAS; Huánuco 0942/7547 (USBGN)
Rest station on road from Huánuco to Pozuzo, Heller, Jan. 1923 at 13,000 ft [3,965 m] (FMNH); 0952/7545 at 2,942 m (Lamas, 1976:23, as "Tambo de Vaca").

TAMBOPATA, RÍO; Junín Not located
Dates suggest this Río Tambopata is not far from Auquimarca [1102/7542 (USBGN)], not the Río Tambopata in Puno or Madre de Dios, Jelski (Vaurie, 1972:32), variants Tambapota, Tembopata; Jelski, Apr. 1873 (Taczanowski, 1874b:530, as "Tambapota"); Zimmer, 1941a:18.

- TAMBOPATA, RÍO; Madre de Dios 1236/6911 (USBGN)
189 m at mouth (MHA); rises Bolivian border at ca. 1350/6900, flows N,
then NW to Astillero, then N and NE to join Río Madre de Dios, right
bank at Puerto Maldonado (IGM); Blake, Aug.-Sept. 1958 (FMNH).
- TAMBO QUEMADO; Ayacucho 1444/7441 (USBGN)
2,685 m (CNG); village on upper Río Blanco [= Río Tierra Blanca],
Pacific drainage (MHA); Hocking, Jan. 1974 at 8,000 ft [2,440 m]
(FMNH); Palomino, Apr. 1961, ca. 2,000 m (MHNJP as "Prado" and
"Leoncio Prado").
- TAMBORAPA (Bond, 1945:21); see Puerto Tamborapa.
- TAMBORAQUE; Lima 1147/7616 (USBGN)
ca. 3,000 m (MHA); 99 km NE of Lima on Central Highway, Hainsworth,
Aug.-Sept. 1974 on hillside at 3,009 m, during dry season, *Mutisia*
accumenata and cacti (Hainsworth, 1977:69).
- TAMBORIN; Piura (Vaurie, 1972:32); see Tamarindo.
- TAMBO RÍO NEGRO (MHA); see Pósic.
- TAMBO SAN NICOLÁS; Pasco 1042/7459 (USBGN)
ca. 1,000 m, on Río Quintoliani, headwaters of Río Pachitea (MHA);
Carriker, Jan. 1930 (ANSP as "San Nicolás"); Bond, 1950b:2, as "San
Nicolás, Junín."
- TAMBO VENTIGA (FMNH); see Ventilla.
- TAMBO YACO; San Martín Not located
Resthouse near Rioja [0605/7709 (USBGN)], ca. 30 mi [48 km] W of
Moyobamba, Osgood and Anderson, June 1912 at 3,000 ft [915 m]
(FMNH).
- TAMIAPAMPA; Amazonas ca. 0620/7752 (Vaurie)
8,800 ft [2,685 m], farm 12 km from Chachapoyas on edge of forest of
Puma-Urcu, Sztolcman from 8,800-9,300 ft [2,685-2,835 m], Sept.-Nov.
1879, Apr. 1881 (Taczanowski, 1882:3); Jelski, Raimondi (Vaurie, 1972:
32).
- TANACA; Arequipa 1544/7428 (USBGN)
Km 607 on Panamerican highway at edge of sea, Spillman, Feb. 1948
(MHNJP).
- TANJUI Not located
"Laguna de Tanjui," Whitely (Vaurie, 1972:32); probably = Langui y Layo,
Laguna de [1429/7113 (USBGN)].
- TANJUI, LAGUNA DE (Vaurie, 1972:32); see Langui y Layo, Laguna de.
- TAPICHE, RÍO; Loreto 0459/7351 (USBGN)
Tributary to right bank of Río Ucayali, rising ca. 0720S and flowing N
(IGM); MHA shows Río Tapiche as Río Blanco; Olallas (Vaurie, 1972:32);
0504/7353 (Lamas, 1976:23).

- TAPO;** Junín 1123/7532 (USBGN)
3,140 m (CNG); town ca. 8 km SE of Palca on affluent of Río Palca (MAPA); J. Kalinowski, Dec. 1892 at 11,000 ft [3,355 m] (Berlepsch & Sztolcman, 1896:324; 1902:21); Vaurie, 1972:32.
- TAPRAG;** Huánuco ca. 0944/7603 (FMNH)
Subtropical forest area, ca. 5-10 km NE of Acomayo, Hocking, 1972, May, June, Aug., Sept. 1973 (FMNH); see, also, Bosque Taprag.
- TARACO;** Puno 1518/6958 (USBGN)
3,819 m (CNG); town on Río Ramis, ca. 5 km W of Lago Titicaca (MHA); Hocking, Apr. 1970 at 12,800 ft [3,905 m] (FMNH).
- TARAPATA** (FMNH); see Tirapata.
- TARAPOTA** (Warren, 1966:25); see Tarapoto.
- TARAPOTO;** San Martín 0630/7625 (USBGN)
333 m (CNG); town on road from Moyobamba to Río Huallaga (MHA); Garlepp, Feb.-Apr. 1885 (Berlepsch, 1889b:289); Raimondi, Steere, Wald, Feld, Dorf (Vaurie, 1972:32); on plain of Río Huallaga, Mathews (Warren, 1966:25, as "Tarapota"); Raimondi (Taczanowski, 1884a:436).
- TARATA;** Tacna 1728/7002 (USBGN)
3,068 m (CNG); upper Río Sama, Pacific drainage (IGM); Weyrauch, Feb. 1948 at 3,100 m (MHNJP); George, ca. 20 km NE via Tacna/Puno road, at 12,000 ft [3,660 m], Jan., Mar. 1963 (George, 1964:249); collector ?, 2-13 km N and NE at 11,500-14,700 ft [3,508-4,484 m] (MVZ).
- TARMA** ca. 1110/7519 (Vaurie)
"Vicinity of Tarma" = Amable María, fide Zimmer (Vaurie, 1972:32).
- TARMA** ca. 1115/7519 (Vaurie)
"Near Tarma" = San Bartolomé, Junín, fide Zimmer (Vaurie, 1972:32).
- TARMA;** "no data" (Vaurie, 1972:32); see Hacienda de Queta.
- TARMA;** Junín 1125/7542 (USBGN)
3,053 m (CNG); town on upper Río Palca (MHA); tall eucalyptus trees, Carriker and Newbold, Nov. 1929 at 9,780 ft [2,985 m] and 10,000-14,000 ft [3,050-4,270 m], and Dec. 1929 at Cumbre de Tarma, 13,000-14,000 ft [3,965-4,270 m] (ANSP; Bond, 1951:82); Simons, Mar. 1900 at 3,500 m Chubb, 1919b:4; Weyrauch, Jan. 1942 (FMNH); J. Kalinowski, 9,735 ft [2,969 m], Dec. 1892, Feb.-Aug., Oct. 1893 (Berlepsch & Sztolcman, 1896:324); Jelski at 9,780 ft [2,985 m] (Taczanowski, 1884a:70); M. Koepcke at 4,200 m between Tarma and Oroya [1132/7554 (USBGN)], Aug. 1953 (Sanft, 1973:407); Tschudi, 10,000 ft [3,050 m] (Tschudi, 1844-1846:166); 2,994 m, bushy slopes, but now with eucalyptus and heavy agriculture, LSU party (LSUMZ); Ortiz de la Puente, Oct. 1947 on puna at 3,750 m (MHNJP); Weyrauch, Oct. 1942 at 3,000 m (MHNJP); M. Koepcke, 1958:141; Tuttle, 32-35 km NE, June 1964, 7,300-7,900 ft [2,227-2,410 m] (Tuttle, 1970:82); Andrews Univ. party, on road below Tarma, 22 mi [35 km] E at 7,300 ft [2,227 m], cactus, bromeliads, June 1964 (FMNH); = "Farina" of Jelski (Taczanowski, 1874b:501).

- TARMA, RÍO;** Junín ca. 1125/7542 (Vaurie)
Tributary to Río Palca, joining it at Tarma (Vaurie, 1972:32); Carriker and Newbold, Nov. 1929 at 9,780 ft [2,985 m] at Tarma (ANSP); Jelski (Taczanowski, 1884a:70); Ortiz de la Puente, Aug. 1951, 2,460 m (MHNJP); M. Koepcke, 1958:168.
- TARMA, SIERRA DE** Not located
Probably mountains near Tarma [1125/7542 (USBGN)]; Vaurie, 1972:32.
- TARMATAMBO;** Junín 1126/7540 (USBGN)
ca. 3,500 m, ca. 4 km above Tarma on Río Palca (MHA); Ramírez, Aug. 1953 (MHNJP).
- TARUCA;** Huánuco Not located
On Carretera Central ca. 10 km NE of Huánuco, right bank of Río Huallaga, LSU party (LSUMZ, also as "Taruco").
- TARUCO (LSUMZ);** see Taruca.
- TAULÍS;** Cajamarca ca. 0654/7903 (Lamas)
1,650-3,000 m (Lamas, 1976:23, as "Hacienda Taulís"); Watkins, June, July 1926 at 8,850 ft [2,670 m] (Chapman, 1927a:4); M. Koepcke, Jan.-Feb., Dec. 1952, Apr.-May 1954 at 1,700-2,500 m (M. Koepcke, 1961a:2); M. Koepcke, below Taulís, Mar. 1952, ca. 1,000 m (M. Koepcke, 1958:142, as "Hacienda Taulís"); Río Saña, Sellschopp, Aug. 1952 at 6,000 ft [1,830 m] (M. Koepcke, 1961a:2); Niethammer, Jan. 1952 (M. Koepcke, 1961a:7); Vaurie, 1972:32; H.-W. Koepcke, Dec. 1952, ca. 1,800 m (Sanft, 1970:347); Río Saña, Mann, Feb., year ? (MHNJP as "Hacienda Taulís"); administrative center called "Granadilla" (H.-W. Koepcke, 1961:30); vicinity of upper Río Saña (H.-W. Koepcke, 1961:36).
- TAULLE;** Huánuco ca. 0956/7554 (Hocking)
Panao region, Río Santo Domingo watershed, Hocking, Oct. 1974 at 9,000 ft [2,745 m] (FMNH).
- TÁVARA, RÍO;** Puno ca. 1322/6936 (Vaurie)
Joins Río Tambopata at Astillero (Plenge, in litt.); H. Watkins and C. Watkins, ca. 1321/7020, June 1915 at 1,600 ft [490 m] (Chapman, 1923b:5, 1925a:9); Chapman coordinates in error; Vaurie, 1972:32.
- TAYABAMBA;** La Libertad 0817/7718 (USBGN)
3,203 m (CNG); town upstream from Huaylillas, on tributary to right bank of Río Marañón (IGM); cold, barren, surrounded by many streams, Baer, May 1900 at 2,500 m (Ménégaux, 1910b:319); temperate shrub-land, now mainly agricultural, LSU party, 1979 at 3,250 m (LSUMZ).
- TÁYMARA;** Arequipa ca. 1548/7415 (FMNH)
ca. 5 km N of Chala, Hocking, Mar. 1968, Mar. 1970, Feb. 1974 at 800 ft [245 m] (FMNH).
- TEA GARDENS;** Huánuco ca. 0905/7549 (LSUMZ)
LSU party (LSUMZ).

TECAPA; La Libertad ca. 0721/7923 (Vaurie)
USBGN gives a Cerro de Tecapa at 0724/7926; Orton (Vaurie, 1972:32);
variants Ticopa, Chiraque, and Chiroque.

TECAPAMPA (Chubb, 1919b:4); see Ticapampa.

TEMBLADERA; Cajamarca 0716/7909 (USBGN)
ca. 200 m, town on Río de Chilete (IGM); Baron, June 1895 at 1,200 ft
[365 m] on road from Pacasmayo to San Pablo (Hellmayr, 1917b:188);
Baron, 1,200 ft [366 m] May, Dec. 1894, dry, cactus (Baron, 1897:1;
Salvin, 1895:1); Vaurie's coordinates, 0527/7856, are in error (Vaurie,
1972:32).

TEMBOPATA (Vaurie, 1972:32); see Tambopata, Río.

TENDALPATA; Junín Not located
In Vftoc valley [ca. 1118/7520 (Vaurie, 1972:32); between Maraynioc and
L'Esperanza, J. Kalinowski, Apr. 1893 (Berlepsch & Sztolcman, 1896:325,
345).

TEQUENA; Puno Not located
Near Arapa [1508/7007 (USBGN)], Vellard, Feb. 1948 (MHNJP); Ortiz de
la Puente, Feb. 1948 at 3,900 m (MHNJP).

"THE CAMP", Río Perené; Junín Not located
Simons locality probably not far from La Merced [1103/7519 (USBGN)] on
Río Perené; Simons, Mar., Apr. 1900 at 800 m (Chubb, 1919b:4); see,
also, Perené, Río.

TIABAYA; Arequipa 1627/7136 (USBGN)
2,178 m (CNG); town ca. 6 km SW of Arequipa (MHA); Carriker, Apr.
1931 at 6,500 ft [1,990 m] on tributary to Río Víctor (ANSP); Tate (Vaurie,
1972:32).

TICAPAMPA; Ancash 0945/7727 (USBGN)
3,456 m (CNG); town in Río Santa valley, ca. 5 km S of Recuay (IGM);
Simons, Dec. 1899 at 3,600 m (Chubb, 1919b:4, as "Tecapampa").

TICA-TICA (Chapman, 1919b:738); see Ttica-Ttica.

TICLIO; Lima ca. 1135/7613 (IGM)
ca. 4,500 m, in Junín (MHA); upper Río Rímac in Lima (IGM); Ortiz de
la Puente, Jan. 1948 at 4,800 m (MHNJP); 4,815 m, highest point on
Central Highway crossing Lima-Junín divide, cushion plant zone at
junction of permanent snow, LSU party (LSUMZ); M. Koepcke, 1958:156;
H.-W. Koepcke, 1961:36.

TICLIO PASS (H.-W. Koepcke, 1961:36); see Ticlio.

TICOPA (Vaurie, 1972:32); see Tecapa.

TICRAPO; Huancavelica 1321/7525 (USBGN)
2,184 m (CNG); upper Río Pisco valley (IGM); M. Koepcke, Nov. 1957,

1,950 m (M. Koepcke, 1958:166); 2,000-2,150 m (H.-W. Koepcke, 1961: 36; see, also, Manzanallo.

TIERRA BLANCA; Loreto 0630/7515 (USBGN)
ca. 150 m, left bank of Río Ucayali, ca. 17 km down river from Isla Cruz Maquea [= Cruz, Isla] (MHA); collector ?, Jan. 1913 (FMNH).

TIGRE, RÍO; Loreto 0426/7405 (USBGN)
Large river rising in Ecuador, flowing SSE to join left bank of Río Marañón (MAPA); Hauxwell (Vaurie, 1972:33); Schunke, at mouth, May-July 1943, June 1946 (MHNJP).

TILOTILLO
SE Peru (Brack Egg, 1970:245); = Tilotilo, Bolivia.

TINCHUAYÍN; Huánuco ca. 0947/7604 (Hocking)
Near Acomayo, below Zapatagocha, Hocking, Apr., July 1974 at 7,000 ft [2,135 m] (FMNH); variants Tingohuayin and Tingohuain.

TINCO; Ancash Not located
2 km S and 15 km W of Huarás [0932/7732 (USBGN)], collector ?, at 12,000 ft [3,660 m] (MVZ).

TINCOPALCA; Puno 1552/7045 (USBGN)
Pearson & Pearson, July 1946, Dec. 1951, June 1952, grassy hills, 14,000 ft [4,268 m] (Pearson & Pearson, 1955:121); see, also, Vilque; collector ?, 50 mi [80 km] W of Puno, 5 km SW, 14,000 ft [4,270 m] (MVZ).

TINGO; Arequipa 1626/7133 (USBGN)
Town about 5 km S of Arequipa (MHA); Tate (Vaurie, 1972:33).

TINGO DE SAPOSOA; San Martín 0707/7638 (USBGN)
213 m (CNG); at junction of Río Saposoa with Río Huallaga, on left bank (MAPA); Carriker, Nov. 1933 at 1,500 ft [460 m] (Carriker, 1934a: 324, as "El Tingo"); Vaurie, 1972:14, variant de Saposoa.

TINGOHUAÍN (FMNH); see Tinchuayín.

TINGOHUAYÍN (FMNH); see Tinchuayín.

TINGO MARÍA; Huánuco 0918/7559 (Lamas; IGM)
649 m (MAPA); town on right bank of Río Huallaga (MHA); Heller, Oct. 1922 (FMNH); Hocking, June, Oct. 1969 at 1,800 ft [550 m] (FMNH); Short and Morony, Aug. 1968, 15 km NE in marsh in second growth, moist subtropical forest at 650 m (Short & Morony, 1969:115); Short, 1969:1; Raimondi (Vaurie, 1972:33); LSU party, June 1962 on Río Azul (LSUMZ); Ortiz de la Puente, July 1947 at 670 m (MHNJP); Raimondi (Taczanowski, 1884a:200); collector ?, 15 km NW on Río Monzón [0911/7612 (USBGN)], 750 m (MVZ); USBGN coordinates incorrect Lamas, in litt.).

TINTA; Cuzco 1409/7125 (USBGN)
3,466 m (CNG); left bank of Río Vilcanota (IGM); in puna zone, but not

far above upper limits of arid temperate zone, Whitely, May-Aug. 1868 at 11,329 ft [3,455 m] (Chapman, 1921b:9); Turner (Vaurie, 1972:33); Whitely, Aug. 1868, Jan.-Feb., May 1869, at Tinta and above at ca. 14,500 ft [4,425 m] (Sclater & Salvin, 1869c:600), Sclater and Salvin incorrectly locate Tinta, Tungasuca, and Pitumarca, on Río Vilcamayo; Whitely (Stresemann, 1959:399, as "Tinto").

TINTO (Stresemann, 1959:399); see Tinta.

TÍO; Cuzco Not located
Probably = Thio [1328/7049 (USBGN)], village ca. 3 km NE of Marcapata (MF); C. Kalinowski, Dec. 1949, 1,500 m (FMNH).

TIPHISCA TAMAYA; Loreto, now Ucayali ca. 0828/7413 (IGM)
Town across from confluence of Río Tamaya with Río Ucayali (IGM); M. Koepcke, June 1958 at lake in forest (MHNJP as "Tipishca").

TIPISHCA (MHNJP); see Tiphisca Tamaya.

TIRAPATA Not located
"Maraynioc" (Vaurie, 1972:33).

TIRAPATA; Puno 1457/7024 (USBGN)
3,880 m (CNG); on Río Pucará, just N of city of Pucará (MHA); Simons, June 1900 at 3,600 m (Chubb, 1919b:4); Ockenden, Feb. 1901, Jan. 1906 (FMNH as "Tarapata"); Chapman and Cherrie, July 1916 at 12,700 ft [3,875 m] (Zimmer, 1935b:1).

TITICACA, LAGO; Puno 1548/6924 (USBGN)
3,825 m, large lake on Peru/Bolivia border (MHA); Garman, Jan.-Mar. 1875 (Allen & Garman, 1875:353); Cherrie (FMNH); Hocking, Apr. 1970, near Taraco, 12,800 ft [3,901 m] (FMNH); Morris at 12,550 ft [3,830 m] (Oberholser, 1906:93); Lubimoff, 1940 (FMNH); Dorst, 3,812 m, near Chucuito [1553/6953 (USBGN)] on floating islands and near rivers between Pomata [1616/6918 (USBGN)] and Juli [1613/6927 (USBGN)], Feb. 1955 (Dorst, 1956a:435, 438); LSU party (LSUMZ); Beck, July-Aug. 1913 (Murphy, 1936:10); Crequí-Montfort Expedition, July-Aug. 1903, either in Peru or Bolivia (Ménégaux, 1910a:137); A. Pearson and O. Pearson, July 1946, Dec. 1951, June 1952 in hilly, treeless country at 12,500-13,300 ft [3,815-4,055 m] (Pearson & Pearson, 1955:113); Garlepp, Whitely, Pentland, Gould, Meyen, Raimondi, Veitch, and Sztolcman (Vaurie, 1972:33); Gould probably never in Peru, contra Vaurie (Plenge, in litt.).

TITIRE (Vaurie, 1972:33); see Titire, Pampa de.

TITIRE, PAMPA DE; Moquegua ca. 1631/7020 (Plenge)
On Río Titire, upper drainage of Río Coralaque [= Río Corralaque] (Plenge, 1982:170); J. Kalinowski, July 1896 at ca. 16,000 ft [4,877 m] (Berlepsch & Sztolcman, 1906:126, as "Titire"); de Macedo, Dec. 1955 on Moquegua/Puna road at ca. 4,300 m (Plenge, 1982:170); Zimmer located Kalinowski's Titire at 1455/7007, N of Lago Titicaca in Puno (Vaurie, 1972:33, as "Titire"), but Kalinowski's itinerary favors the Moquegua

location; in addition, both Kalinowski and de Macedo mistakenly thought they were in Puno due to ill-defined departmental boundaries.

TIVISORIA (FMNH); see La Divisoria.

TOCACHE (Ménégaux, 1910b:319); see Tocache Nuevo.

TOCACHE, RÍO; San Martín 0809/7632 (USBGN)
Rises in La Libertad, flows NE to left bank of Río Huallaga (MAPA); Ménégaux lists Baer localities in this valley as Tocache, Lopuna, Piquitambo, Cueva Seca, and Supuna (Ménégaux, 1910b:319); however, Piquitambo and Cueva Seca may be in Río Mishollo valley.

TOCACHE NUEVO; San Martín 0811/7630 (USBGN)
497 m (CNG); town on left bank of Río Huallaga at its confluence with Río Tocache (MHA as "San Juan de Tocache"); Baer, Nov. 1900 at 500 m (Ménégaux, 1910b:319, as "Tocache"); Ortiz de la Puente, Aug. 1948 (MHNJP as "Tocache"); Vaurie, 1972:33, as "Tocache" or "San Juan de Tocache."

TOCOPOQUEN (Vaurie, 1972:33); see Tocopoqueyu.

TOCOPOQUEU (Weske & Terborgh, 1974:102); see Tocopoqueyu.

TOCOPOQUEYU; Cuzco ca. 1253/7221 (Vaurie)
9,100 ft [2,780 m], Heller camp in "Occobamba valley" [= Ocobamba, Río], humid, temperate zone where forest meets grassy uplands, Heller, July-Aug. 1915 (Chapman, 1921b:19); Vaurie, 1972:33, as "Tocopoqueu"; Weske & Terborgh, 1974:102, as "Tocopoqueu."

TOCTO, RÍO; Lambayeque 0554/7945 (USBGN)
Affluent of Río Casajal (MHA); near Olmos, seasonally dry forest with well developed understory, LSU party, 200 m, 1977-1979 (Schulenberg and Parker, 1981:210).

TOCTUGA, LAGUNA; Junín Not located
Near Paca, Laguna [1139/7526 (USBGN)], Ortiz de la Puente, Sept. 1947 at 4,500 m, puna (MHNJP).

TOLEDO, ALTO DE; Puno 1555/7018 (USBGN)
Mountainous region W of Puno (MHA); Meyen, near Api [not located] (Hellmayr, 1938:329); Vaurie, 1972:6.

TOLÓN; Cajamarca 0718/7919 (USBGN)
ca. 100 m, town on left bank of Río Jequetepeque (MHA); Vaurie, 1972:33, places in La Libertad, variants Talaon, Talón; Lamas, 1976:23, as "Hacienda Tolón"; Simons, Oct. 1899 at 80-100 m (Chubb, 1919b:3, as "Talón").

TONO, RÍO; Cuzco 1300/7111 (USBGN)
Rises in Cordillera de Carabaya, flows E to confluence with other rivers to form upper Río Madre de Dios (MHA); Vaurie, 1972:33.

- TOPICAYAJÓ; Huánuco ca. 0943/7603 (Hocking)
Subtropical forest area 5-10 km NE of Acomayo, Hocking, Nov. 1970, ca. 3,000 m (FMNH).
- TORATA; Moquegua 1704/7051 (USBGN)
2,200 m, town ca. 15 km NE of Moquegua on Río Torata (MHA); Pearson (Vaurie, 1972:33).
- TORATA, RÍO; Moquegua 1711/7057 (USBGN)
Name of Río Moquegua above Torata (IGM); collector ?, 15 km E of Torata, 11,200 ft [3,416 m] (MVZ).
- TOROCOCHA; Lima? Not located
ca. 4,200 m, mountain lake, source of Río Chillón, near La Viuda [1118/7631 (USBGN)] on Lima/Canta/Cerro de Pasco road (H.-W. Koepcke, 1961:36).
- TORONTOY; Cuzco ca. 1310/7230 (MHA)
ca. 2,400 m, village on Río Urubamba, ca. 12 km above Machu Picchu (MHA); subtropical zone, Heller, May 1915 at Torontoy, 8,000 ft [2,440 m] and above Torontoy from 9,500-12,000 ft [2,900-3,660 m], humid, temperate zone, also Chapman Expedition, July 1916 (Chapman, 1921b: 19, 20).
- TORRE HUASI; Huánuco ca. 0943/7553 (Hocking)
Near Pillao, Hocking, 7,000 ft [2,135 m], Mar.-Apr. 1973 (FMNH); LSU party (LSUMZ).
- TORTUGA; Ancash 0922/7825 (USBGN)
Coastal town ca. 15 km NNW of Casma (MHA); M. Koepcke, Jan. 1955 (M. Koepcke, 1961a:12, as "Tortugas"); H.-W. Koepcke, 1961:36; see, also, Tortugas, Isla.
- TORTUGAS (M. Koepcke, 1961a:12); see Tortuga.
- TORTUGAS, ISLA 0923/7827 (USBGN)
Island off Ancash coast (MHA); Brack Egg, 1970:253; Brack Egg obtained this locality from M. Koepcke (1961a:12), which may refer either to island or town Tortuga (Plenge, in litt.); Tovar (Tovar, 1969:527, as "Tortugas").
- TOTORA; Amazonas 0629/7726 (USBGN)
1,560 m (CNG); town in upper Río Huambo drainage (MHA); Sztolcman (Vaurie, 1972:33).
- TOTORA, RÍO DE LA; Amazonas 0626/7718 (USBGN)
Affluent of upper Río Huambo (MHA); Sztolcman (Vaurie, 1972:33).
- TOTORANE; Puno 1549/7006 (USBGN)
Near Puno, Smyth, June 1940 (FMNH as "Totorani"); Conover, 1950:349, as "Zotorani."
- TOTORANI (FMNH); see Totorane.

- TOURNAVISTA; Huánuco ca. 0855/7443 (IGM)
 Town on Río Pachitea, ca. 30 km above its left bank confluence with Río Ucayali (IGM); Hocking, July 1968, also Km 20 on road to Campo Verde [Km 34] (FMNH); M. Koepcke, July 1959 (MHNJP); see, also, Bosque Nacional de Iparia.
- TOZUCO (Brack Egg, 1970:168); see Pozuzo.
- TRANCA, QUEBRADA; Junín ca. 1119/7533 (Lamas, in litt.)
 Near Palca, Río Tarma, M. Koepcke, Nov. 1955 at 3,100 m (M. Koepcke, 1958:171; MHNJP, also as "Tranco, Quebrada").
- TRANCAPAMPA; Huánuco ca. 0942/7553 (Hocking)
 Near Pillao, Hocking, Nov. 1971 (MHNJP).
- TRANCO, QUEBRADA (MHNJP); see Tranca, Quebrada.
- TRAPICHE; Ica 1355/7540 (USBGN)
 ca. 500 m, N of Ica on upper Río [de] Ica (MHA); J. Kalinowski, 1889, 1890 (Berlepsch & Sztolcman, 1892:372, as "Hacienda Trapiche").
- TRAPICHE; Lima 1144/7658 (USBGN)
 ca. 700 m, Río Chillón valley (MHA as "Trapiche Hacienda"); M. Koepcke, Nov.-Dec. 1962, 900 m (MHNJP as "Puente Trapiche"); bridge over Río Chillón (H.-W. Koepcke, 1961:34, as "Puente Trapiche").
- TRES CRUCES, PASO DE; Cuzco ca. 1306/7146 (MHA)
 ca. 20 km N of Paucartambo on road from Paucartambo to Manu (MHA); collector ?, 11,500 ft [3,508 m] (MVZ as "Tres Crucia").
- TRES CRUCIA (MVZ); see Tres Cruces, Paso de.
- TRES HERMANAS (Tovar, 1969:527); see San Juan, Punta.
- TRIC TRAC; Piura 0550/8101 (USBGN)
 Not on our maps; collector ?, 2 km E of Bayóvar, 50 ft [15 m] (MVZ as "Punta Tric Trac"); H.-W. Koepcke (M. Koepcke, 1961a:5).
- TRIGAL; Cajamarca ca. 0701/7913 (Vaurie)
 Jelski (Vaurie, 1972:33); Jelski, 5,000 ft [1,524 m] (Taczanowski, 1884b:398).
- TRUJILLO; La Libertad 0807/7902 (USBGN)
 34 m (CNG); capital of La Libertad, ca. 10 km N of Salaverry, port of entry (MHA); Baron, May 1875 at 200 ft [60 m] (Hellmayr, 1920:16); Anderson, Jan. 1914 (FMNH); Osgood and Anderson, Mar. 1912 at sea level (FMNH); Ormea R., Nov., Dec. 1954, Nov. 1963 (Plenge, 1974:328); Steere (Vaurie, 1972:33), Watkins, Apr. 1919 at 350 ft [105 m] (M. Koepcke, 1961a:24); LSU party (LSUMZ); Brabourne, Mar., Aug.-Dec. 1912, Jan. 1913 (Chubb, 1919b:35ff); H.-W. Koepcke, 1961:36).
- TSIOVENTENE (FMNH); see Tsiuventeni.

- TSIOVENTENI;** Pasco ca. 1040/7422 (Lamas)
Campa Indian village, Provincia de Oxapampa [1020/7505 (USBGN)], Messersmith, June 1965 at 1,800 m (Thoreson, 1974:840); in Gran Pajonal, or savanna (Plenge, in litt.); Tsoubenteni (Lamas, in litt.); Andrews Univ. party, June 1965, June, July, 1968 at 4,200 ft [1,281 m] (FMNH).
- TTICA-TTICA;** Cuzco ca. 1330/7203 (Chapman)
12,000 ft [3,660 m], ca. 5 km NW of Cuzco, hills, and barrancas, junction of arid temperate and puna zones, Chapman Expedition, July 1916 (Chapman, 1921b:16); 11,500 ft [3,510 m] (Chapman, 1919b:258, as "Tica-Tica").
- TUANFUÉ** (Berlepsch, 1889a:181); see Juanjui.
- TUCUCHIRA, QUEBRADA (MVZ);** = Quebrada Tucuchira, Amazonas, Colombia.
- TUHAN** (Berlepsch & Sztolcman, 1902:27); see Julcán.
- TULIAN** (Vaurie, 1972:33); see Julcán.
- TULÍN;** Ica 1439/7505 (USBGN)
Río Ingenio valley, Hocking, Mar. 1969 (FMNH).
- TULLPARAJU;** Ancash Not located
Probably near Huarás [0932/7732 (USBGN)], C. Kalinowski, Feb. 1954 (FMNH).
- TULPO** (Chubb, 1919b:3); see Hacienda Tulpo.
- TULUMAYO** (Vaurie, 1972:33); see Hacienda Tulumayo.
- TULUMAYO, RÍO;** Junín 1110/7516 (USBGN)
Rises in Nevada Huaytapallana and flows N to San Ramón where it joins Río Palca to form Río Chanchamayo, eventually joining Río Paucartambo to form Río Perené (IGM); the names Chanchamayo, Tulumayo, and Perené have all been applied to the same river (Gardner & Patton, 1976:42); Whitely, Jelski, Tschudi at San Ramón (Vaurie, 1972:33).
- TUMÁN;** Lambayeque 0645/7943 (USBGN)
ca. 100 m, town ca. 15 km E of Chiclayo, Pacific drainage (MHA); Vaurie, 1972:33.
- TUMBES;** Tumbes 0334/8028 (USBGN)
7 m (CNG); near coast in northern Tumbes (MHA); Jelski, Sztolcman, Jan.-July, Sept. 1876 (Taczanowski, 1877a:319, as "Tumbez in Dept. of Piura"); Baer (FMNH); Orton (Salvin, 1874:324); Steere, Raimondi (Vaurie, 1972:33); Tumbes "near Santa Lucia" (Vaurie, 1972:33); Coker, Jan. 1908 (Coker, 1920:461); LSU party (LSUMZ); H.-W. Koepcke, 1961:36.
- TUMBES, BAHÍA DE;** Tumbes 0330/8027 (USBGN)
Bay N of Tumbes (MHA); Coker, Jan. 1908 (Coker, 1920:495).

TUMBES, DEPARTAMENTO DE 0350/8030 (USBGN)
NW Peru, bounded on NW by Pacific, on E by Ecuador, and on S by Piura
(MAPA).

TUMBES, RÍO; Tumbes 0330/8027 (USBGN)
Called Río Puyango in Ecuador, flows SW along border, then turns N
through Tumbes to Pacific (MAPA); delta and mouth of Río Tumbes,
Sztolcman, Jelski (Vaurie, 1972:33); Watkins, July 1919 at 900 ft [275 m]
(Chapman, 1926a:78, as "Río Tumbez" [Chapman also states river is
called locally "Pullango"]); Raimondi at mouth (Taczanowski, 1884a:105).

TUMBEZ (Taczanowski, 1877a:319); see Tumbes.

TUMBEZ, RÍO (Chapman, 1926a:78); see Tumbes, Río.

TUNGASUCA; Cuzco 1410/7129 (USBGN)
3,800 m (MHA); ca. 10 km W of Río Vilcanota (IGM); Tungasuca, Tinta,
and Pitumarca are all Whitely localities placed near each other on Río
Vilcamayo [= Río Urubamba] by Sclater and Salvin, but actually located
on or near left bank of Río Vilcanota; Whitely, May-Aug. 1868 at 11,000-
14,000 ft [3,355-4,270 m] (Sclater & Salvin, 1869a:151).

TUNGASUCA, LAGUNA; Cuzco 1408/7129 (USBGN)
Not located on map, but apparently near town of Tungasuca, Whitely
(Vaurie, 1972:33; Taczanowski, 1886:329).

TURPOCOCHA, LAGUNA; Ayacucho Not located
ca. 4,600 m; ca. 65 km NW of National Vicuña Reserve in Pampa Galeras
[1440/7423 (USBGN)], Brokaw, Aug.-Sept. 1974 (Brokaw, 1976:26).

TUTAPAC, QUEBRADA; Ancash ca. 0840/7749 (LSUMZ)
ca. 25 km by trail S of Yanac, LSU party at ca. 12,000 ft [3,660 m]
(LSUMZ).

TUTINUM; Amazonas ca. 0433/7812 (O'Neill)
Aguaruna Indian village on Río Cenepa, lowland wet forest, hilly, O'Neill
and Farrand, July 1964 (O'Neill, 1969:9).

TUTUMBEROS; Amazonas 0523/7823 (USBGN)
ca. 14 km downriver from mouth of Río Chinchipe on left bank of Río
Marañón (IGM); Vaurie, 1972:33.

TUTUMO; Tumbes 0342/8016 (USBGN)
ca. 27 km SE of Tumbes (IGM); Ortiz de la Puente, May 1951 and
Ramírez, Feb. 1953 (MHNJP); Lamas, in litt., as "El Tutumo."

TUTUPACA, VOLCÁN; Tacna 1701/7022 (USBGN)
5,815 m, ca. 5 km S of Laguna Suches (IGM); Vaurie, 1972:33, places in
Moquegua; collector ?, 5 km E of "Lago Suche" [= Laguna Suches] at
14,600 ft [4,453 m] (MVZ as "Tutupaco, Moquegua"); IGM places this 5
km S of Laguna Suches in Tacna, contra MVZ and Vaurie.

TUTUPACO; Moquegua (MVZ); see Tutupaca, Volcán.

TUYASYACU; Not located; probably error for Puyas-Yacu (Vaurie, 1972:33).

UCAQUI (Vaurie, 1972:33); see Hacienda Ucaqui.

UCAYALI, DEPARTAMENTO DE ca. 0900/7400

In June 1980, the Peruvian government created the Departamento de Ucayali from the southern Provinces Requena, Ucayali, and Coronel Portillo of Loreto; the border is represented by border between Alto Amazonas, Loreto, and Provincia de Maynas to N and Requena to S (Lamas & Plenge, in litt.); bounded on N by Loreto, on E by Brazil, on S by Madre de Dios and Cuzco, and on W by Junín, Pasco, and Huánuco.

UCAYALI, RÍO; Loreto 0430/7327 (USBGN)

Begins as confluence of Río Tambo and Río Urubamba [1044/7345 (USBGN)], flows N to join Río Marañón to form Río Amazonas (IGM); Schunke, Apr.-Sept. 1946 at Yarina-Cocha, Lago [0815/7443 (USBGN)] (FMNH); Hocking, in Lago Yarina-Cocha area; many collectors, but only very general areas mentioned (Vaurie, 1972:33); Bassler, middle Ucayali, Nov. 1923, Raimondi, Garlepp, Castelnau and Deville, Bates, Hauxwell, Bartlett, AMNH localities (Plenge, in litt.); Plenge states that Bates, however, never collected in Peru; Bartlett, May-Oct. 1865, from mouth to Cashiboya [0733/7453 (USBGN)] (Sclater & Salvin, 1866a:175); Hauxwell (Gould, 1855:77); Garlepp, headwaters, Aug. 1884 (Berlepsch, 1889b:289).

UCHCO (Vaurie, 1972:34); see Uscho.

UCHUBAMBA; Junín Not located

"Near Vítoc" [ca. 1111/7518 (Vaurie, 1972:33, 34)]; probably in Vítoc valley, Tschudi (Tschudi, 1844-1846:184); possibly = Uchubamba [1135/7512 (USBGN)], ca. 35 km SSE of Río Vítoc on Río Tulumayo (MHA).

UCHUMAYO; Cuzco ca. 1255/7241 (MHA)
Chapman and Cherrie (Vaurie, 1972:34).

UCHUPATA PASS; Piura ca. 0523/7928 (Lamas, 1976:24)
Near Huancabamba, Watkins (Vaurie, 1972:34).

UCHUY MONTE; Ayacucho ca. 1249/7350 (LSUMZ)
On trail from Luisiana on Río Apurímac to Tambo, Weske and Terborgh (LSUMZ).

UCTUBAMBA (Vaurie, 1972:34); see Utcubamba.

UDIMA; Cajamarca 0649/7906 (USBGN)
ca. 11 km upstream from El Espiñal on affluent of Río de Saña, Pacific drainage (MAPA); "Río Saña" (Vaurie, 1972:34); near Taulís, M. Koepcke, Dec. 1952 at 1,800-2,000 m (M. Koepcke, 1961a:3); H.-W. Koepcke, 1961: 36; Hacienda Udimá (Lamas, in litt.).

UMAYO; Puno 1543/7009 (USBGN)
Spillman, Mar. 1948, at lake [probably Laguna Umayo] (MHNJP as "Hacienda Umayo"); collector ?, 15 mi [24 km] S of Juliaca (MVZ as "Hacienda Umayo").

- UMAYO, LAGUNA; Puno 1544/7010 (USBGN)
ca. 3,500 m, 23 km S of Juliaca (IGM); de Macedo, Aug. 1966 at 3,840 m on an island (MHNJP).
- UNCHOG (O'Neill & Parker, 1976:137); see Bosque Unchog.
- UPAMAYO (Bond, 1945:21); see Upomayo.
- UPOMAYO; Junín 1055/7616 (USBGN)
On outlet of Lago de Junín, beginning of Río Mantaro, ca. 6 km NW of Lago Junín (MAPA); 13,200 ft [4,025 m] on Río Mantaro, Carriker, Apr. 1930 (Bond, 1945:21); variants Upamayo and Opamayo.
- URAKUSA; Amazonas ca. 0442/7803 (O'Neill)
Marañón valley; LSU party, 1964, 2 mi [3 km] W (O'Neill, 1969:9).
- URAMARCA; Ancash (Vaurie, 1972:36); see Yuramarca.
- URAMARCA; La Libertad Not located
Probably = Yuramarca, Ancash [0845/7754 (USBGN)] (Vaurie, 1972:34); Chubb, however, states that Uramarca, La Libertad is near "Pallasca [0815/7801 (USBGN)], Río Ushpe" [not located], near La Libertad/Ancash border, Simons, 1,200 m, Dec. 1899 (Chubb, 1919b:3); Caraz [0904/7749 (USBGN)] was next locality visited.
- URCÓN; Ancash 0835/7748 (USBGN)
ca. 3,000 m, N end of Cordillera Blanca near Yanac (MHA as "Hacienda Urcón"); H.-W. Koepcke, 1961:37.
- URCÓN, QUEBRADA; Ancash Not located
Near Yanac [0837/7752 (USBGN)], and town of Urcón [0835/7748 (USBGN)], Carriker, Mar. 1932 (ANSP).
- URCOS; Cuzco 1342/7138 (USBGN)
3,150 m (CNG); railroad station on left bank of Río Vilcanota (MHA); Vaurie, 1972:34).
- URIPA (FMNH); see Chincheros.
- UROHUASI; Puno 1344/7028 (USBGN)
ca. 2,300 m, town on left bank of Río Carini, about 6 mi [10 km] N of Ollachea, Río Inambari drainage (MHA as "Uruhuasi"); probably Watkins's Chuhuasi = Uruhuasi (Vaurie, 1972:12); H. Watkins and C. Watkins, Apr., May 1910 at 7,000 ft [2,135 m], 16 mi [26 km] N of Ollachea, Carabaya Andes (Hellmayr, 1912:162, as "Chuhuasi"); Vaurie, 1972:34, as "Uruhuasi"; Zimmer, 1933b:25, as "Chuhuasi."
- URQUILLOS; Cuzco ca. 1320/7203 (Lamas, 1976:24)
Not located by Vaurie, but dates suggest it is between Andahuailillas [= Andahuaylillas] and San Jerónimo, Kalinowski, Garlepp, Berlepsch (Vaurie, 1972:34); Berlepsch did not collect in Peru (Plenge, in litt.); Kalinowski, in vicinity of Cuzco, Jan. 1896 (Berlepsch & Sztolcman, 1906:103).

- URUBAMBA; Cuzco 1318/7207 (USBGN)
2,871 m (CNG); on upper Río Urubamba (MHA); Garlepp (Vaurie, 1972: 34); Orton (FMNH); Dreyfus, July 1941, near Sayacmarc [not located] (MHNJP).
- URUBAMBA, RÍO; Loreto, now Ucayali 1044/7345 (USBGN)
Principal affluent of Río Ucayali, flowing N and NNW through Cuzco and Ucayali; see, also, Santa Ana valley and Río Vilcamayo; "boca del Urubamba," a fraudulent locality, labels forged by collectors, Olallas (Vaurie, 1972:34).
- URUBAMBA CAÑON; Cuzco Not located
Canyon extends from near Urubamba [1318/7207 (USBGN)] downstream some distance below Machu Picchu [1307/7234 (USBGN)] (Vaurie, 1972: 34).
- URUHUASI (MHA); see Urohuasi.
- USCHO; Amazonas ? ca. 0611/7713 (Vaurie)
Tambo on road from Chachapoyas to Moyobamba, ca. 2 1/2 lgs [ca. 14 km] from Pucatanbo (Dicc. Geogr.); uncertain whether in San Martín or Amazonas, but apparently on left bank of Río Huallaga drainage; in Amazonas, ca. 40 mi [64 km] E of Chachapoyas, Carriker at 5,000-6,000 ft [1,525-1,830 m] (Bond, 1951:66, also as "Uchco"); Watkins, Nov. 1925 at 5,000 ft [1,525 m] (Zimmer, 1936d:9, as "Uchco"); near Almirante [ca. 0608/7720] (FMNH); Vaurie, 1972:34, in San Martín, variant Uscho.
- USCHCO (Vaurie, 1972:34); see Uscho.
- UTCUBAMBA; La Libertad 0813/7708 (USBGN)
ca. 2,000 m, village on trail between Tayabamba and Ongón, upper Huallaga drainage (MHA locates in San Martín, but IGM and MAPA departmental boundaries locate coordinates in La Libertad); Carriker at 6,000-7,000 ft [1,830-2,135 m] in humid, subtropical rain forest on trail to Utcubamba, Apr. 1930, also 6,000 ft [1,830 m], Apr. 1932 (Carriker, 1933:5, 8); Baer, Aug. 1900 at 1,700 m, wooded region (Ménégaux, 1910b:319); LSU party, Nov. 1979, 2,000 m (LSUMZ), local spelling is "Uctubamba."
- UTCUBAMBA, RÍO; Amazonas 0530/7832 (USBGN)
Rises at ca. 0645/7747, flows N through Chachapoyas, then NW to join right bank of Río Marañón (MHA) (MAPA); Osgood and Anderson, May 1912, 15 mi [24 km] above Chachapoyas at 7,500 ft [2,290 m] (FMNH); Sztolcman and Jelski near Chachapoyas (Vaurie, 1972:34), variant Uctubamba; collector ?, 10 km S of confluence with Río Marañón, 475 m, and 29 km S, 38 km E of Bagua [0540/7831 (USBGN)], 2,500 ft [763 m] and 16 km NE at Ingenio [ca. 0556/7759 (LSUMZ)], 1,300 m, 1,750 m, and 16 km NW at Km 318 on road to Pomacocha [ca. 0550/7755 (LSUMZ)] (MVZ).
- UTCUYACU; Junín ca. 1112/7528 (Vaurie)
Above Merced [= La Merced], Watkins, Dec. 1919 at 4,800 ft [1,465 m] (Zimmer, 1947b:8); Vaurie, 1972:34; Parkes, 1969:19.

VACAPAMPA (Vaurie, 1972:34); see Huacapampa.

VAINILLA, RÍO (Lamas, in litt.); see Vanilla, Río.

VALCÓN; Puno ca. 1426/6924 (LSUMZ)
ca. 5 km NNW of Quiaca, temperate zone humid evergreen forest
bordering puna that is largely grazed, forest restricted at this altitude
due to human disturbance and steepness of terrain, LSU party, Oct. 1980
at ca. 3,000 m (LSUMZ).

VALLE; Huánuco (FMNH); see Santa María del Valle.

VALLE; San Martín 0734/7650 (USBGN)
ca. 600 m, town on Río Valle, left bank affluent of Río Huallaga (MHA);
Garlepp, "upper Huallaga" (Berlepsch, 1889b:97).

VANILLA, RÍO; Loreto Not located
E of Iquitos [0346/7315 (USBGN)] opposite mouth of Río Napo [0320/7240
(USBGN)], Powlison, June-Aug. 1966, July-Aug. 1967, "several miles up a
small stream called Vanilla," at 350 ft [105 m] in swampy to hilly jungle
(FMNH); there is a town, Vainilla, ca. 5 km W and opposite mouth of Río
Napo (IGM); Río Vainilla (Lamas, in litt.).

VARADERO; Loreto 0544/7627 (USBGN as Baradero)
ca. 200 m, on Río Paranapura, ca. 47 km upstream from Yurimaguas
(MHA); Bartlett, Apr.-May 1866 (Sclater & Salvin, 1873b:252, 254);
Vaurie, 1972:7, as "Baradero"; Varadero is correct name, contra Vaurie
(Lamas, in litt.).

VARADERO, ISLA; Loreto 0458/7619 (USBGN)
Large island in Río Marañón, just below mouth of Río Pastaza (MHA as
"Isla Baradero"); FMNH.

VÉGETA (Bond, 1945:21); see Végueta.

VÉGUETA; Lima 1102/7739 (USBGN)
12 m (CNG); coastal town, ca. 13 km N of Huacho (MHA); Watkins, Jan.
1919 (Chapman, 1920:107, as "Bequeta"); in desert hills, Carriker, Feb.
1932, marsh, pond (ANSP; Bond, 1945:21, as "Végeta"); variant Begueta
(Vaurie, 1972:34); Bond, 1955a:211.

VELOTA Not located
Apparently near Huambo, Amazonas [0622/7728 (USBGN)], Sztolcman
(Vaurie, 1972:34); Sztolcman, 4,000 ft [1,219 m] (Taczanowski, 1884b:
409).

VENTANA, CERRO; San Martín ca. 0604/7714 (MHA)
1,600 m, ca. 29 km W of Moyobamba (MHA); Osgood and Anderson
(Vaurie, 1972:34).

VENTANILLA, PLAYA; Lima ca. 1153/7709 (Plenge)
20 km N of Jorge Chávez International Airport, Lima, Plenge, June 1972,
brackish ponds, mudflats (Plenge, 1974:326); Plenge and Pearson, May
1972 (Pearson & Plenge, 1974:629); LSU party (LSUMZ).

VENTIJA (Cory, 1913:285); see Ventilla.

VENTILLA; Amazonas 0611/7733 (USBGN)
2,503 m, ca. 12 km E of Molinopampa in Río Utcubamba drainage (MHA);
Osgood and Anderson, June 1912 at 10,000 ft [3,050 m] (Cory, 1913:283,
as "Ventija"); FMNH as "Tambo Ventiga."

VERDE, CERRO; Tumbes 0351/8045 (USBGN)
2,650 ft [810 m], Watkins, June 1919 (Chapman, 1926a:78).

VERDE, QUEBRADA; Lima ca. 1213/7653 (Lamas, in litt.)
Near Lima (M. Koeppcke, 1958:177).

VERDE, RÍO; San Martín ca. 0719/7645 (Vaurie)
Sztolcman (Vaurie, 1972:34).

VERVENA PAMPA (FMNH); see Bervena Pampa.

VICTORIA; Loreto ca. 0540/7440 (FMNH)
On Canal de Puinahua, Hocking, Nov. 1969 (FMNH).

VICTORIA, QUEBRADA; Pasco Not located
On road from Carhuamayo [1055/7602 (USBGN)] to Paucartambo [1053/
7557 (USBGN)], Dorst, Dec. 1954 (Dorst, 1956b:267).

VIEJA (Garth, 1937:3); see Viejas, Isla de las.

VIEJAS, ISLA DE LAS; Ica 1415/7612 (USBGN)
Guano island in Bahía de la Independencia (MHA); Coker, July 1907
(Coker, 1920:511); Hancock Expedition, Jan. 1935 (Garth, 1937:3, as
"Vieja"); Tovar, Oct. 1962 (Tovar, 1969:527, as "La Vieja").

VIEJOS (Vaurie, 1972:34); see Las Viejas, La Libertad.

VILCABAMBA; Apurímac 1405/7238 (USBGN)
2,780 m (CNG); Río Vilcabamba valley (MHA); Hocking, Villar, Feb. 1977
at 10,000 ft [3,048 m] (FMNH).

VILCABAMBA; Cuzco 1305/7301 (USBGN)
ca. 3,000 m (MHA); left bank of Río Urubamba drainage, ca. 10 km SSW
of Lucma (IGM); J. Kalinowski, June 1894, June 1895 (Berlepsch &
Sztolcman, 1906:103).

VILCABAMBA, CORDILLERA DE; Cuzco 1300/7300 (USBGN)
Major Andean cordillera extending ca. 258 km NW of Cuzco (MHA);
Terborgh and Weske, N massif at ca. 1235/7424 [= 7324?], just below
timberline on ridge sloping down to Río Apurímac, July 1968 at 3,520 m
(Terborgh & Weske, 1972:497); Terborgh and Weske, 1965-1972 at 304-
3,540 m (Terborgh & Weske, 1975:563); collecting sites of Terborgh &
Weske extended from Río Apurímac opposite Luisiana [ca. 1239/7344] 40
km E to crest of Cordillera [ca. 1235/7327] (Terborgh, 1971:23).

- VILCABAMBA, RÍO;** Cuzco 1258/7240 (USBGN)
Tributary to left bank of Río Urubamba (MHA); Kalinowski (Vaurie, 1972:34).
- VILCAMAYO, RÍO;** Cuzco 1044/7345 (USBGN)
Another name for Río Urubamba (Dicc. Geogr.); Whitely (Vaurie, 1972:34).
- VILCANOTA, CORDILLERA DE;** Cuzco 1346/7118 (USBGN)
Runs SE from ca. 1300/7200 to ca. 1430/7050 (MHA); LSU party in Ullantaitambo/Quillabamba area (O'Neill and Parker, 1976:140).
- VILCANOTA, LAGUNA** Not located
"NE of La Raya" [= La Raya, Abra [1429/7105 (USBGN)], Raimondi, "lake was not found, but Nudo de Vilcanota is NE of La Raya in Cuzco-Puno at 1426/7057" (Vaurie, 1972:34).
- VILLA;** Lima 1212/7701 (USBGN)
Sea level, MHA shows Villa as town ca. 15 km S of Lima, but more recent maps indicate it is a section of Lima, S of Chorrillos; Ridoutt (Vaurie, 1972:34); M. Koepcke, June 1954, sea level (Sanft, 1973:415); just S of Lima on old Panamerican Highway, arid littoral and large freshwater marsh that is being rapidly drained and converted to agriculture, LSU party (LSUMZ); Ortiz de la Puente, Oct. 1947 at Pampa de Villa (MHNJP); de Macedo, Oct. 1947 on beach (MHNJP); M. Koepcke, Oct. 1950, Laguna de Villa (MHNJP); H.-W. Koepcke, 1961:37; see, also, Villa, Laguna de.
- VILLA, LAGUNA DE;** Lima 1213/7700 (Lamas, 1976:23)
Lagoon 20 km S of Lima in city of Villa (Plenge, in litt.); Vaurie, 1972:34; Jelski (Taczanowski, 1874b:554); Ramides [= Ramírez], Mar. 1951 at sea level (Sanft, 1973:414); collector ?, sea level (MVZ); Ortiz de la Puente, Oct. 1948 at edge of lagoon and on beach (MHNJP); Frazier, Feb. 1963-Feb. 1964 (Frazier, 1964:554).
- VILLA, PAMPA DE (MHNJP);** see Villa.
- VILLA, PLAYA;** Lima Not located
Beach near Villa [1212/7701 (USBGN)]; Gochfield, Tallman, O'Neill, Aug. 1972 (Plenge, 1974:326); de Macedo, Oct. 1947 (MHNJP); Schulenberg, et al., May 1977, May 1979 (Graves, 1981:75).
- VILLA ETEN (USBGN);** see Eten.
- VILLA GONZALO;** Amazonas ca. 0408/7745 (FMNH)
On Río Santiago, Hocking, Nov. 1973, Jan.-Sept. 1974 (FMNH).
- VILLA RICA;** Pasco 1043/7517 (USBGN)
On upper Río Chanchamayo (IGM); on upper Río Entás (Lamas, in litt.); Hocking, Dec. 1970, 4,500 ft [1,375 m] (FMNH).
- VILQUE;** Puno 1546/7015 (USBGN)
3,860 m (CNG); on Puno/Arequipa road, ca. 27 km W of Puno (IGM);

Pearson and Pearson, July 1946, Dec. 1951-June 1952, grassy hills, 13,300 ft [4,045 m] (Pearson & Pearson, 1955:121); see, also, Tincopalca.

VILQUECHICA (Vaurie, 1972:34); see Vilquechico.

VILQUECHICO; Puno 1513/6941 (USBGN)
3,825 m (CNG); ca. 50 km NW of Bolivian boundary on NE shore of Lago Titicaca (IGM); Garman (Allen & Garman, 1875:355); Vaurie, 1972:34, variant Vilquechica; Villar, Mar. 1948 (MHNJP).

VIÑA (Chubb, 1918b:70); see Viñas.

VIÑAS; La Libertad 0757/7738 (USBGN)
ca. 1,500 m on left bank of upper Río Marañón (MHA as "Hacienda Viñas"); Baron, Mar. 1894 at 5,500 ft [1,680 m] (Chubb, 1918b:70, as "Viñas, Huamachuco" [= Huamachuco, Provincia del]); Vaurie, 1972:15.

VINCOCAYA Not located
Garman, Jan.-Mar. 1875, near Lago Titicaca [1548/6924 (USBGN)] (Allen & Garman, 1875:354); "L. Titicaca," Garlepp ? (Vaurie, 1972:35); may = Vincocaya, Estación.

VINCOCAYA; Puno Not located
May = Ninantaya [1526/6920 (USBGN)], or Garman's Vincocaya, near Lago Titicaca, Garlepp (Vaurie, 1972:35).

VINCOCAYA, ESTACIÓN; Arequipa 1553/7109 (USBGN)
4,377 m (MHA); station on Arequipa/Juliaca railroad in Pacific drainage (IGM); "NE of Sumbau" [probably = Sumbay] (Vaurie, 1972:35); Garlepp (Lamas, 1976:23).

VINON (Vaurie, 1972:35); see Hacienda Viñas.

VIRGEN-PAMPA; Huancavelica Not located
Tayacaja [probably = Tayacaja, Provincia de, 1215/7445 (USBGN)], Tovar, Apr. 1964 at 650 m (MHNJP).

VIRRILÁ (H.-W. Koepcke, 1961:37); see Virrilá, Boca.

VIRRILÁ, BOCA; Piura 0547/8052 (USBGN)
Estuary (IGM as "Estuario de Virrilá"); H.-W. Koepcke, 1961:37, as "Virrilá."

VIRÚ; La Libertad 0825/7845 (USBGN)
68 m (CNG); coastal plain ca. 15 km inland on Río Virú (IGM); Watkins, Apr. 1919 (M. Koepcke, 1961a:24); LSU party (LSUMZ); Watkins, Apr. 1919 (Chapman, 1924a:11); Hocking, Feb. 1975 at 600 ft ? [183 m?] (FMNH); H.-W. Koepcke, 1961:37.

VIRÚ, RÍO; La Libertad 0830/7852 (USBGN)
W Andes, W slope (IGM); Ramírez, Apr. 1954 (MHNJP).

- VIRUNDO; Apurímac** ca. 1417/7241 (FMNH)
Near Piyai, Hocking, Aug. 1976 at 11,000 ft [3,355 m] and 12,000 ft [3,660 m] on puna (FMNH); variants Virundu and Birundo.
- VISCACHERA; Lima** Not located
Near Puente Trapiche [= Trapiche, 1144/7658 (USBGN)], M. Koepcke, Nov.-Dec. 1962 at 800-900 m, cactus (MHNJP, also as "Vizcachera" and "Viscachero."
- VISCACHERO (MHNJP);** see Viscachera.
- VISTA ALEGRE; Cuzco** ca. 1311/7218 (LSUMZ)
ca. 3,050 m, restaurant along Ollantaitambo/Quillabamba road, ca. 15 km by road NNW of Ollantaitambo, SW slope, scrubby bushland mixed with agriculture, LSU party (LSUMZ).
- VISTA ALEGRE; Huánuco** ca. 0931/7552 (MHA)
ca. 1,000 m, on right bank of Río Chinchao (MHA); a little above its junction with Río Huallaga, subtropical zone, Zimmer, Aug.-Sept. 1922 at 4,100 ft [1,250 m] (Zimmer, 1930:238); Poepping [probably = Poeppig] (Vaurie, 1972:13, as "Cuchero").
- VITARTE; Lima** 1202/7656 (USBGN)
ca. 400 m, railroad station, ca. 15 km E of Lima (MHA); Zimmer, Apr. 1922 at 1,300 ft [395 m], arid, tropical (Zimmer, 1930:235); Watkins (Naumberg, 1933:15; Vaurie, 1972:35).
- VÍTOC (Gardner & Patton, 1976:42);** see Pueblo Nuevo.
- VÍTOC, MONTAÑA DE; Junín** Not located
Jelski, Raimondi, Kalinowski (Vaurie, 1972:35); probably = mountains next to Pueblo Nuevo [1110/7516 (USBGN)] (Plenge, in litt.); Jelski (Taczanowski, 1886:411); Tschudi at Hacienda Pacchapata (Tschudi, 1844-1846:93).
- VÍTOC, RÍO; Junín** 1110/7515 (USBGN)
Rises at ca. 1120/7523 and flows NE to join left bank of Río Tulumayo at Pueblo Nuevo (MHA); "Quebrada de Vitoc," Jelski (Vaurie, 1972:35); see, also, Vítoc valley; upper Río Vítoc is also called Río Aynamayo (Vaurie, 1972:7); Peters & Griswold, 1943:284, as "Río Anamayo."
- VÍTOC VALLEY; Junín** ca. 1118/7520 (Vaurie)
The valley of Río Vítoc, a general location for J. Kalinowski sites: Chontamba, San Emilio, Tendalpata, Garita del Sol, all located between Maraynioc and L'Esperanza (Berlepsch & Sztolcman, 1896:325).
- VÍTOR; Arequipa** 1626/7149 (USBGN)
1,631 m, ca. 30 km W of Arequipa (MHA); Watkins (Vaurie, 1972:35); 5,900 ft [1,800 m] (Lamas, 1976:23); Zimmer, 1939b:6; on Río Vítor, affluent of Río Sihuas (H.-W. Koepcke, 1961:37).
- VIZCACHERA (MHNJP);** see Viscachera.

VOCA DEL RÍO CURARAY (Plenge, in litt.); see Curaray, Río.

VOLCÁN AREQUIPA (Vaurie, 1972:7); see Misti, Volcán.

VOLCÁN AREQUISTI (Vaurie, 1972:7); see Misti, Volcán.

VOLCÁN CHACHANI (MHNJP); see Chachani, Nevado.

VOLCÁN DE MISTI (MHA); see Misti, Volcán.

WALDREGION

Not located

Tschudi locality, probably indicating the Chanchamayo/Junín territory (Zimmer, 1950c:4); forest region assigned by Zimmer either to Vítoc or Chanchamayo valley (Plenge, in litt.).

WARINJA LAKE (Bangs & Noble, 1918b:443); see Huarinjas, Lagunas las.

XEBEROS (Sclater & Salvin, 1873b:254); see Jeberos.

XETEQUEPEQUE, RÍO (Vaurie, 1972:35); see Jequetepeque, Río.

XEVEROS (Vaurie, 1972:19); see Jeberos.

- YACA; Lima** Not located
ca. 1250S in upper Río Cañete valley [= Cañete, Río de, 1308/7624 (USBGN)], Ortiz de la Puente (M. Koepcke, 1961a:8); Yauyos, Provincia de [1225/ 7600 (USBGN)], Ortiz de la Puente, Jan. 1952 at 2,400 m (MHNJP); perhaps = Llaca [ca. 1224/7557] just S of Yauyos (Plenge, in litt.).
- YAGUACHI** Not located
Collector ? (Vaurie, 1972:35).
- YAGUAS; Loreto** ca. 0241/6959 (MHA)
Town near mouth of Río Yaguas in Colombia (MHA); Castelnau and Deville (Vaurie, 1972:35); ca. 0247/7004, Castelnau (Lamas, 1976:23).
- YAGUAS, RÍO; Loreto** 0245/7004 (USBGN)
Rises at ca. 0245/7157, flows E to join Río Putumayo at Colombian border (IGM); Mounsey, July 1913 (FMNH as "Rio Yahuas"); see, also, Yahuas Territory.
- YAHNAS** Not located
Probably error for Yaguas, or Yahuas Territory (Vaurie, 1972:35).
- YAHUARAMAYO, RÍO; Puno** 1317/7018 (USBGN)
Tributary to right bank of Río Inambari (MHA); H. Watkins and C. Watkins, Apr. 1910 at 1,200 ft [365 m] (Hellmayr, 1912:160, as "Yahuar-mayo, Marcapata"); 1,200 ft [365 m] (Lamas, 1976:23), variants Yahuaromayo and Yakumuyo; MHNJP as "Yahuarmayo"; "Carabaya" (Seilern, 1913:277); correct name Río Yahuarmayo (Lamas, in litt.).
- YAHUARMAYO** (Hellmayr, 1912:160); see Yahuaramayo, Río.
- YAHUAROMAYO** (Lamas, 1976:23); see Yahuaramayo, Río.
- YAHUAS, RÍO (FMNH);** see Yaguas, Río.
- YAHUAS TERRIORY; Loreto** ca. 0300/7130 (Lamas)
General region (Lamas, 1976:23); near Pebas at headwaters of Río Yaguas.
- YAKU; San Martín** ca. 0603/7715 (Vaurie)
8 mi [13 km] W of Rioja (Vaurie, 1972:35).
- YAKUAMUYO** (Lamas, 1976:23); see Yahuaramayo, Río.
- YAMBOPATA**
= Yampupata, Bolivia [1605/6913 (USBGN)], Copacabana Península, Lago Titicaca (Lamas, 1976:24); Ornithological Gazetteer of Bolivia erroneously places it in Peru.
- YANAC; Ancash** 0837/7752 (USBGN)
2,860 m (CNG); Río Santa drainage (MHA); Carriker, at 9,500 ft [2,898 m], 10,000 ft [3,050 m], and 12,000-15,000 ft [3,660-4,575 m] at foot of snow-capped peaks, Mar. 1932 (Carriker, 1933:9); M. Koepcke, Nov. 1954

- at 3,000-3,300 m (M. Koepcke, 1961a:16); LSU party, May 1976, 8,000-15,000 ft [2,438-4,572 m] (LSUMZ); Hocking, May 1979 at 8,000 ft [2,438 m] (FMNH); 3,100 m (H.-W. Koepcke, 1961:37).
- YANACANCHA; Cajamarca** ca. 0700/7827 (Vaurie)
Jelski (Vaurie, 1972:35); between Cajamarca and Chota, Jelski (Taczanowski, 1884a:79).
- YANACANCHA; Cuzco** ca. 1335/7105 (FMNH)
ca. 15 km SW of Marcapata in Cordillera de Carabaya, C. Kalinowski, Aug. 1951 (FMNH).
- YANAKEAREA, LAKE; Puno** Not located
Near Checayane [1449/7001 (USBGN)], Dorst, Jan., Feb. 1955 (Dorst, 1956a:439); Dorst, Dec. 1959-Jan. 1960, Dec. 1960-Jan. 1961 (Dorst, 1962b:429).
- YANAMACHAY** Not located
Probably on road from L. Parinacochas [1518/7341 (USBGN)] to Chala [1552/7416 (USBGN)] on coast, M. Koepcke and H.-W. Koepcke, Aug. 1952 at 3,400 m (Sanft, 1973:411).
- YANAMITA; Huánuco** ca. 0940/7601 (Hocking)
Subtropical forest patch within 10 km of Acomayo, Hocking, Aug., Oct. 1970 (FMNH).
- YANAMONA; Loreto** ca. 0323/7253 (MPM)
Between Ríos Napo and Amazonas, Dixon and Nickerson, Nov. 1974, margin of primary forest (MPM).
- YANANGO (FMNH);** see Puente Yanango.
- YANAOCA; Cuzco** 1413/7126 (USBGN)
3,913 m (CNG); ca. 10 km W of Río Vilcanota (MHA); Whitely, Mar., year ? [in 1895, according to Cat. Birds Brit. Mus., 27:293, as "Yunoca," (Plenge, in litt.)].
- YANAVIA** Not located
Near Arequipa [1624/7133 (USBGN)] (Vaurie, 1972:35).
- YANAYACA (Brack Egg, 1970:215);** see Yanayacu.
- YANA-YACO (Vaurie, 1972:35);** see Yanayacu.
- YANA-YACO RIVER (Hellmayr, 1907:8);** see Yana-Yacu, Quebrada.
- YANAYACU; Loreto** ca. 0605/7603 (FMNH)
Small village, ca. 20 km S of Yurimaguas, Anderson, Sept. 1912 (Cory, 1916:339, as "Yane Yacu," and 1915b:304, "Yane Yaca"); Vaurie, 1972:35, variants Yana-Yacu, Yana-Yaco; Brack Egg, 1970:215, as "Yanayaca"; FMNH as "Yane Yaku."
- YANA-YACU, QUEBRADA; Loreto** 0605/7447 (USBGN)
Rises ca. 0630/7457, flows NE to right bank of Río Ucayali (IGM as "Río

Yanayacu"); probable locality for Hauxwell's Yana-Yaco River (Hellmayr, 1907:8).

YANA-YACU, RÍO (IGM); see Yana-Yacu, Quebrada.

YANAYACU, RÍO Not located
"Río Potro, Alto Marañón," Prentice, Aug. 1949 (MHNJP).

YANAYACU, RÍO; Junín ca. 1115/7519 (Lamas, 1976:24)
Zimmer believed it to be NW of Jauja [1148/7530 (USBGN)], Tschudi (Vaurie, 1972:35; Tschudi, 1844-1846:168).

YANA-YACU, RÍO; Loreto 0306/7316 (USBGN)
Rises ca. 0219/7322, flows S to right bank of Río Napo (MHA); specimens killed by Indians, ca. Dec. 1943 in region between Ríos Putumayo and Napo (Lincoln, 1944:607).

YANE YACA (Cory, 1915b:304); see Yanayacu.

YANE YACU (Cory, 1916:339); see Yanayacu.

YANE YAKU (FMNH); see Yanayacu.

YANGANUCO, QUEBRADA (M. Koepcke, 1965:160); see Llanganuco, Quebrada de.

YANYOS; Lima Not located
Collector ?, 5 mi [8 km] E of Yanyos at 9,000 ft [2,745 m] (MVZ).

YAPAS (ANSP); see Yapaz.

YAPAZ; Junín Not located
3,500 ft [1,070 m], one day E of Perené [1058/7513 (USBGN)] on Pichis Trail, Carriker & Newbold, Jan., Mar. 1930 and at La Cumbre de Yapas (ANSP as "Yapas"); variant La Cumbre de Yapaz; Bond, 1950b:2.

YAQUERANA, RÍO (FMNH); see Alto Yaquerana, Río.

YARA (Brack Egg, 1970:168); see Yura.

YARINACocha (Lamas, in litt.); see Yarina-Cocha, Lago.

YARINA-COCHA, LAGO; Loreto, now Ucayali 0815/7443 (USBGN)
ca. 100 m, large oxbow lake formed by Río Ucayali, ca. 5 km NNW of Pucallpa (IGM); Pearson, June-Aug. 1968, primary forest, ca. 2 km S of Yarinacocha (Pearson, 1971:46); Pearson, June-Sept. 1972 at Yarinacocha Farm (Pearson, 1975a:96); Garlepp, Sept.-Oct. 1884 (Berlepsch, 1889b:289); Tessmann (Vaurie, 1972:35); Hocking, July 1954-Sept. 1969, W bank, in tropical dry forest (FMNH); heavily cut for agriculture especially on S and W shores, LSU party, 1961, 1962, 1964, 1965, and 1968 (O'Neill, 1969:2); Ridgely, Mar. 1969, 12 km NE of Pucallpa (O'Neill & Pearson, 1974:2); Schunke, May 1944 at 155 m (MHNJP); MHNJP as "Jarinacocha"; FMNH as "Yarina Lake"; should be Yarinacocha (Lamas, in litt.).

YARINA LAKE (FMNH); see Yarina-Cocha, Lago.

YAUCA, RÍO; Arequipa 1541/7431 (USBGN)
Rises in mountains, flows SW to Pacific (MHA as "Río de Yauca"); H.-W. Koepcke, Aug. 1952, at sea level on coast (Sanft, 1973:411); near Río Yauca, M. Koepcke, Aug. 1952, gallery forest (MHNJP).

YAULI; Huancavelica ca. 1247/7449 (IGM)
3,391 m (CNG); town ca. 10 km E of Huancavelica, Río Mantaro drainage (MAPA); sparse growth of bushes, Morrison, Aug.-Dec. 1937 at ca. 11,000 ft [3,355 m] (Morrison, 1939b:460); Hocking, May 1979 at 11,200 ft [3,414 m] (FMNH).

YAULI; Junín 1141/7606 (USBGN)
4,100 m (CNG); on Río Yauli, ca. 25 km SW of La Oroya (MHA); Vaurie, 1972:35; Twomey, Apr. 1939 (Trimble, 1943:412).

YAUTÁN; Ancash 0931/7800 (USBGN)
809 m (CNG); on Río Yautan, Río Casma drainage (IGM); 700 m (H.-W. Koepcke, 1961:37); M. Koepcke, Jan. 1955 near Yaután, 600-780 m in cultivated fields (MHNJP); LSU party (LSUMZ).

YAUYOS; Lima 1224/7557 (USBGN)
2,874 m (CNG); Río de Cañete valley (MHA); Hocking, Oct. 1976 at 8,000 ft [2,438 m] (FMNH).

YAVARÍ, RÍO; Loreto 0421/7002 (USBGN)
Flows NE as Brazil/Peru border and joins right bank of Río Amazonas (IGM); Bates's assistant collector (Sclater & Salvin, 1866a:176, as "Río Jivarri" and "Río Jauarri"); Castelnau, Raimondi, Gould, Hauxwell (Vaurie, 1972:18, as "Río Javari," variant "Yavary"); called Río Javari in Brazil; C. Kalinowski, Aug. 1957 at mouth of Río Yaquerana (FMNH).

YAVARÍ MIRIN, RÍO; Loreto 0431/7144 (USBGN)
Rises ca. 0450/7310, flows ENE then SE to join left bank of Río Yavarí (IGM); C. Kalinowski, Sept. 1957 at Quebrada Esperanza [ca. 0420/7155 (IGM)] (FMNH); USBGN as "Yavarí Mirím, Río."

YAVARÍ MIRÍM, RÍO (USBGN); see Yavarí Mirin, Río.

YAVARY (Vaurie, 1972:18); see Yavarí, Río.

YERUPAJÁ, CERRO; Lima 1016/7654 (USBGN)
6,342 m, mountain where Huánuco, Ancash, and Lima meet, watershed between upper Río Marañón and Pacific (MHA); IGM shows this at ca. 1024/7654 as "Nevado Yerupajá"; Harvard Peruvian Expedition (Vaurie, 1972:35).

YERUPAJÁ, NEVADO (IGM); see Yerupajá, Cerro.

YIMINBARE, RÍO . Not located
Probably = Río Inambari (Vaurie, 1972:35).

YOGAY (Chubb, 1919b:3); see Yungay.

YOGUAY (Vaurie, 1972:36); see Yungay.

YONÁN, RÍO; Cajamarca ca. 0714/7909 (Lamas, 1976:24)
Baron, NE of Trujillo, June 1894 at 3,000 ft [915 m] (Hartert & Goodson,
1917b:498); Vaurie, 1972:36.

YQUITOS (Vaurie, 1972:36); see Iquitos.

YUNGA JALCA; Amazonas Not located
Bagua Grande [0547/7826 (USBGN)] area, Hocking, Gómez, Dec. 1977 at
1,500 ft [457 m] (FMNH).

YUNGAY; Ancash 0909/7744 (USBGN)
2,458 m (CNG); right bank of Río Santa (MHA); Simons, Dec. 1899 at
2,400 m (Chubb, 1919b:3, as "Yogay"); C. Kalinowski, Mar. 1954 at 2,335
m (FMNH); Vaurie, 1972:36, variant Yoguay; Ortiz de la Puente, May
1948 (MHNJP).

YUNGUYO; Puno 1615/6905 (USBGN)
3,826 m (CNG); on neck of Península de Copacabana, which extends into
Lago Titicaca (MHA); Sanborn, May 1940, 6 mi [10 km] S (FMNH).

YUNOCA (Cat. Birds Brit. Mus., 27, 1895:293); see Yanaoca.

YURA; Arequipa 1612/7142 (USBGN)
2,590 m (CNG); NW of Arequipa (MHA); Sanborn and Schmidt, Aug. 1939
at 8,000 ft [2,440 m] (FMNH); Brack Egg, 1970:168, as "Yara"; on Río
Yura, Río Vitor affluent (H.-W. Koepcke, 1961:37).

YURACMARCA; Ancash 0845/7754 (USBGN)
1,417 m (CNG); Río Santa valley (MHA); on mesa above Mayucayán,
Carriker, Mar. 1932 at 5,000 ft [1,525 m] (ANSP); Simons (Vaurie,
1972:36; Lamas, 1976:24), variant Uramarca; also see Uramarca, La
Libertad; LSU party (LSUMZ); USBGN as "Yuramarca."

YURAMARCA (USBGN); see Yuracmarca.

YURACCYACU; Ayacucho ca. 1245/7348 (Haffer)
Apurímac valley, O'Neill (Haffer, 1974:249); Weske, 1970 at 2,600 m
(Fitzpatrick, pers. comm.).

YURAJMARCA; Ayacucho Not located
ca. 25 km E of National Vicuña Reserve in Pampa Galeras [1440/7432
(USBGN)], Brokaw, in *Polylepis* woods, Sept. 1974 (Brokaw, 1976:26).

YURIMAGUAS; Loreto 0554/7605 (USBGN)
182 m (CNG); ca. 70 km S of Jeberos on left bank of Río Huallaga
(MHA); Garlepp, June 1885 at 500 ft [155 m] (FMNH); Anderson, Aug.-
Oct. 1912 (FMNH); Sztolcman, Sept. 1879, Apr. 1881 (Sclater & Salvin,
1873b:253); Whitely, Raimondi, Hauxwell, Jelski, Steere (Vaurie, 1972:36);
Vaurie's Alto Amazonas (Vaurie, 1972:6) = Yurimaguas (Lamas, 1976:24),

variant Jurimaguas; Bartlett, Mar.-Apr. 1866 (Sclater & Salvin, 1873b: 253); Garlepp (Berlepsch, 1889b:97).

YURINAKE ALTO; Pasco (MHNJP); see Yurinaqui Alto, Junín.

YURINAQUI ALTO; Junín ca. 1047/7513 (Hocking)
ca. 3,000 ft [915 m], on upper Río Yurinaqui, left bank of Río Perené
affluent, ca. 7 km S of Pasco border, Hocking, 1965-1970, 1972-1975
from 3,000-4,000 ft [915-1,220 m], López (for Hocking), June-Nov. 1965
(FMNH); LSU party (LSUMZ), variant Yurinaki Alto; MHNJP places this
in Pasco, contra Hocking (in litt.); see, also, Conchapien Mountains.

YURUÁ, RÍO; Loreto, now Ucayali/Brazil 0237/6544 (USBGN)
Rises ca. 1010/7210, flows NW then N, crossing Brazilian border at ca.
0925/7244 and continuing N and E into Brazil (MAPA); Vaurie, 1972:19,
as "Juruá, Río"; USBGN states that it is Río Yuruá in Peru, Río Juruá
in Brazil.

YUVINI; Cuzco ca. 1243/7314 (Vaurie)
ca. 3,000 ft [915 m], rubber station ca. 18 mi [29 km] downstream from
confluence of Río San Miguel and Río Pampaconas in Río Cosireni valley,
Heller specimens collected here are labeled "Río Cosirini," Heller, Sept.
1915 (Chapman, 1921b:26); Vaurie, 1972:36.

YUYAPICHIS, RÍO; Huánuco ca. 0937/7457 (IGM)
Rises in Cerros del Sira and flows W to right bank of Río Pachitea (IGM);
M. Koepcke, June 1969 in tropical forest on Río Pachitea near Panguana
Biological Station (MHNJP as "Río Llullapichis"); M. Koepcke, between
Ríos Llullapichis (Yuyapichis) and Huambo on Río Pachitea, May 1970
(MHNJP); Weske, 1969 (Fitzpatrick, pers. comm.).

- ZAMBO, RÍO Not located
Pontons, May, Aug. 1928 at mouth (MHNJP); probably = Río Tambo
(Lamas, in litt.).
- ZAÑA (IGM); see Saña.
- ZAÑA, RIO (IGM); see Saña, Río de.
- ZAPALACHA (MHA); see Zapalache.
- ZAPALACHE; Piura 0509/7927 (USBGN)
ca. 1,500 m (MHA as "Zapalacha"); upper Río Huancabamba (IGM);
Semba, ca. 5 km NE in Cerro Chinguela, ca. 2,900 m at ca. 0507/7923,
June 1978 (Graves, 1980:3, as "Sapalache").
- ZAPATOGOCHA (FMNH); see Bosque Zapatogocha.
- ZAPOTAL; Cajamarca ca. 0524/7840 (Vaurie)
"Río Chinchipe" (Vaurie, 1972:36).
- ZÁRATE (M. Koepcke, 1961a:13); see Bosque Zárate.
- ZÁRATE, ISLA; Ica 1400/7618 (USBGN)
Guano island, Coker, Dec. 1906-Aug. 1908 (Coker, 1920:511).
- ZARUMILLA; Tumbes 0330/8016 (USBGN)
11 m (CNG); ca. 3 km W of Ecuador border (MHA); on Río Zarumilla (H.-
W. Koepcke, 1961:37).
- ZARUMILLA, RÍO; Tumbes 0326/8014 (USBGN)
Flows N along Tumbes/Ecuador border to Pacific (IGM); Sztolcman,
Raimondi (Vaurie, 1972:36), variants Zurmilla, Zurumilla; Ortiz de la
Puente, May 1951 (MHNJP); Sztolcman (Taczanowski, 1884a:105, as "Río
Zurumilla").
- ZEPITA; Puno 1630/6906 (USBGN)
3,814 m (CNG); W shore of Lago Titicaca on Panamerican highway to La
Paz (IGM); Stübel (Vaurie, 1972:36), variant Cepita; Ménégau, 1909: 206
as "Cepita, Bolivia").
- ZICAPA Not located
Orton, Oct. 1874 (Sclater & Salvin, 1878:138).
- ZORRITOS; Tumbes 0340/8040 (USBGN)
6 m (CNG); coastal town, ca. 25 km SW of Tumbes (MHA); Steere,
Sztolcman (Vaurie, 1972:36), variant Sorritos; M. Koepcke, Oct. 1950
(MHNJP); Steere, Nov. 1872 (Sclater & Salvin, 1878:135, as "Sorritos").
- ZOTORANI (Conover, 1950:349); see Totorane.
- ZURITE; Cuzco 1328/7216 (USBGN)
3,391 m (CNG); left bank of Río Urubamba drainage, ca. 32 km WNW of
Cuzco (IGM as "Surite"); J. Kalinowski, May 1894 (Berlepsch &

Sztolcman, 1906:103, as "Suriti"); Vaurie's coordinates, 1324/7128 (1972:36), are incorrect; variant Suriti.

ZURMILLA (Vaurie, 1972:36); see Zarumilla.

ZURUMILLA (Vaurie, 1972:36); see Zarumilla.

ZUYO (M. Koepcke, 1961a:19); see Suyo.



**COLLECTING LOCALITIES
IN PERU**

CONTOUR = 1,000 m.

BIBLIOGRAPHY

- Allen, J. A., and S. W. Garman. 1875 [1876]. List of mammals and birds. In A. Agassiz and S. W. Garman, *Exploration of Lake Titicaca*. Bull. Mus. Comp. Zool., Harvard, 3:274-286, 349-375.
- Ashmole, M. J. 1970. Feeding of Western and Semipalmated Sandpipers in Peruvian winter quarters. *Auk*, 87:131-135.
- Ashmole, P., and H. Tovar S. 1968. Prolonged parental care in Royal Terns and other birds. *Auk*, 85:90-100.
- Bangs, O. 1910. A new tinamou from Lake Titicaca. *Proc. Biol. Soc. Washington*, 23:107-108.
- Bangs, O., and G. K. Noble. 1918a. Description of a new woodpecker from Peru. *Proc. New England Zool. Club*, 6:85-86.
- _____. 1918b. List of birds collected on the Harvard Peruvian Expedition of 1916. *Auk*, 35:442-463.
- Bangs, O., and T. E. Penard. 1918. Notes on a collection of Surinam birds. *Bull. Mus. Comp. Zool., Harvard*, 62:25-93.
- _____. 1921. Notes on some American birds, chiefly neotropical. *Bull. Mus. Comp. Zool., Harvard*, 64:365-397.
- Baron, O. T. 1897. Notes on the localities visited by O. T. Baron in northern Peru and on the Trochilidae found there. *Novit. Zool.*, 4:1-10.
- Bartlett, E. 1882. On some mammals and birds collected by Mr. J. Hauxwell in eastern Peru. *Proc. Zool. Soc. London*, 1882:373-375.
- Berlepsch, H. von. 1883. Descriptions of six new species of birds from South America. *Ibis*, 1883:487-495.
- _____. 1889a. Descriptions of two new birds from northern Peru. *Ibis*, 1889:181-182.
- _____. 1889b. Systematisches Verzeichniss der von Herrn Gustav Garlepp in Brasilien und Nord-Peru, im Gebiete des oberen Amazonas, gesammelten Vogelbälge. *Journ. für Ornith.*, 37:97-101:289-321.
- _____. 1901. Sur quelques espèces nouvelles ou peu connues recueillies dans le département de Cuzco (Pérou central), par M. Otto Garlepp. *Ornis*, 11:197-198.
- Berlepsch, H. von, and C. E. Hellmayr. 1905. Studien über wenig bekannte Typen neotropischer Vögel. *Journ. für Ornith.*, 53:1-33.
- Berlepsch, H. von, and J. Stolzmann. 1892. Résultats des recherches ornithologiques faites au Pérou par M. Jean Kalinowski. *Proc. Zool. Soc. London*, 1892:371-411.

- _____. 1894. Descriptions de quelques espèces nouvelles d'oiseaux du Pérou central. *Ibis*, 1894:385-405.
- _____. 1896. On the ornithological researches of M. Jean Kalinowski in central Peru. *Proc. Zool. Soc. London*, 1896:322-388.
- _____. 1901a. Descriptions d'oiseaux nouveaux du Pérou central recueillis par le voyageur Polonais Jean Kalinowski. *Ornis*, 11:191-195.
- _____. 1901b. Description des trois espèces nouvelles d'oiseaux du Pérou du Museum Branicki. *Ibis*, 1901:716-719.
- _____. 1902. On the ornithological researches of M. Jean Kalinowski in central Peru. *Proc. Zool. Soc. London*, 1902, 2:18-60.
- _____. 1906. Rapport sur les nouvelles collections ornithologiques faites au Pérou par M. Jean Kalinowski. *Ornis*, 13:63-133.
- Berlioz, J. 1937. Description of a new race of hummingbird. *Bull. Brit. Ornith. Club*, 58:44-46.
- _____. 1939. Note critique sur le *Thalurania tschudii* Gould. *Bull. Mus. Nat. Hist. Nat.*, Paris, (2), 11:287-290.
- _____. 1962. Notes critiques sur quelques espèces de Trochilides. *Oiseau*, 32:135-144.
- _____. 1966. Descriptions de deux espèces nouvelles d'oiseaux du Pérou. *Oiseau*, 36:1-3.
- Blake, E. R. 1959a: A new species of *Todirostrum* from Peru. *Nat. Hist. Misc.*, Chicago, no. 171, 2 pp.
- _____. 1959b. Two new game birds from Peru. *Fieldiana: Zool.* [Chicago], 39:373-376.
- _____. 1961. A new Peruvian race of *Crypturellus obsoletus*. *Fieldiana: Zool.* [Chicago], 39:573-575.
- _____. 1971. A new species of spinetail (*Synallaxis*) from Peru. *Auk*, 88:179.
- Blake, E. R., and P. Hocking. 1974. Two new species of tanager from Peru. *Wilson Bull.*, 86:321-324.
- Blancas S., F. 1959. Comunidades y campos de vida de Acolla y sus alrededores (Provincia de Jauja, Departamento de Junín) con estudio especial de los vertebrados. *Mem. Mus. Hist. Nat.*, "Javier Prado," no. 7, 160 pp.
- Bond, J. 1943. A new flycatcher of the genus *Myiophobus* from Peru. *Notulae Naturae* [Philadelphia], no. 127, 2 pp.

- _____. 1945. Notes on Peruvian Furnariidae. Proc. Acad. Nat. Sci., Philadelphia, 97:17-39.
- _____. 1947a. Notes on Peruvian Tyrannidae. Proc. Acad. Nat. Sci., Philadelphia, 99:127-154.
- _____. 1947b. Two new tyrant flycatchers from Peru. Notulae Naturae [Philadelphia], no. 196, 2 pp.
- _____. 1950a. A new woodhewer, *Xiphocolaptes*, from Peru. Auk, 67:240-241.
- _____. 1950b. Notes on Peruvian Formicariidae. Proc. Acad. Nat. Sci., Philadelphia, 102:1-26.
- _____. 1951. Notes on Peruvian Fringillidae. Proc. Acad. Nat. Sci., Philadelphia, 103:65-84.
- _____. 1953a. Notes on Peruvian Dendrocolaptidae, Conopophagidae and Rhinocryptidae. Notulae Naturae [Philadelphia], no. 248, 7 pp.
- _____. 1953b. Notes on Peruvian Icteridae, Vireonidae and Parulidae. Notulae Naturae [Philadelphia], no. 255, 15 pp.
- _____. 1954a. Notes on Peruvian Piciformes. Proc. Acad. Nat. Sci., Philadelphia, 106:45-61.
- _____. 1954b. Notes on Peruvian Trochilidae. Proc. Acad. Nat. Sci., Philadelphia, 106:165-183.
- _____. 1955a. Additional notes on Peruvian birds, I. Proc. Acad. Nat. Sci., Philadelphia, 107:207-244.
- _____. 1955b. A new race of Least Bittern from Peru. Auk, 72:208-209.
- _____. 1955c. Notes on Peruvian Coerebidae and Thraupidae. Proc. Acad. Nat. Sci., Philadelphia, 107:35-55.
- _____. 1956. Additional notes on Peruvian birds, II. Proc. Acad. Nat. Sci., Philadelphia, 108:227-247.
- Bond, J., and R. Meyer de Schauensee. 1939. Description of a new species and subspecies of *Xenodacnis*. Notulae Naturae [Philadelphia], no. 40, 2 pp.
- _____. 1941. A new race of *Thripophaga fusciceps* from Peru. Notulae Naturae [Philadelphia], no. 94, 2 pp.
- _____. 1944. A new race of *Pyrrhura rupicola* from Peru. Notulae Naturae [Philadelphia], no. 138, 2 pp.
- Bourcier, J. 1847. Description de quinze espèces de Trochilidae du cabinet de M. Loddiges. Proc. Zool. Soc. London, 1847:42-47.

- Brabourne, L., and C. Chubb. 1913. The birds of South America, Vol. I. R. H. Porter, London, 504 pp.
- _____. 1914. *Buarremon matucanensis* and *Upucerthia juninensis* spp. n. described. Bull. Brit. Ornith. Club, 35:20-21.
- Brack Egg, A. 1969. Catálogo de las Aves del Perú. Biota (Lima), 8:1-68.
- _____. 1970. Catálogo de las Aves del Perú. Biota (Lima), 8:69-112, 141-176, 177-224, 241-272.
- _____. 1971a. Catálogo de las Aves del Perú. Biota (Lima), 8:273-320, 333-388.
- _____. 1971b. Catálogo de las Aves del Perú. Biota (Lima), 9:1-56.
- _____. 1972. Catálogo de las Aves del Perú. Biota (Lima), 9:57-112, 113-160, 161-216.
- Brodkorb, P. 1939. Two undescribed South American barbets. Proc. Biol. Soc. Washington, 52:135-136.
- Brokaw, H. P. 1976. Birds of Pampa Galeras, Peru. Delmarva Ornith., 11:26-30.
- Cabanis, J. 1873. Neue peruanische Vögel des Herrn C. Jelski. Journ. für Ornith., 21:64-68.
- Campbell, K. E., Jr. 1971. First report of Sandwich Terns in Peru. Auk, 88:676.
- Carriker, M. A., Jr. 1930. Descriptions of new birds from Peru and Ecuador. Proc. Acad. Nat. Sci., Philadelphia, 82:367-376.
- _____. 1931. Descriptions of new birds from Peru and Bolivia. Proc. Acad. Nat. Sci., Philadelphia, 83:455-467.
- _____. 1932. Additional new birds from Peru with a synopsis of the races of *Hylophylax naevia*. Proc. Acad. Nat. Sci., Philadelphia, 84:1-7.
- _____. 1933. Descriptions of new birds from Peru, with notes on other little-known species. Proc. Acad. Nat. Sci., Philadelphia, 85:1-38.
- _____. 1934a. Descriptions of new birds from Peru, with notes on the nomenclature and status of other little-known species. Proc. Acad. Nat. Sci., Philadelphia, 86:317-334.
- _____. 1934b. Rediscovery of *Conothraupis speculigera* (Gould). Auk, 51:497-499.
- _____. 1935. Descriptions of new birds from Peru and Ecuador, with critical notes on other little-known species. Proc. Acad. Nat. Sci., Philadelphia, 87:343-359.

- Chapman, F. M. 1901. Descriptions of six apparently new birds from Peru. Bull. Amer. Mus. Nat. Hist., 14:225-228.
- _____. 1919a. Descriptions of proposed new birds from Peru, Bolivia, Argentina and Chile. Bull. Amer. Mus. Nat. Hist., 41:323-333.
- _____. 1919b. Descriptions of proposed new birds from Peru, Bolivia, Brazil and Colombia. Proc. Biol. Soc. Washington, 32:253-268.
- _____. 1919c. Notes from a traveler in the tropics. Bird-Lore, 21: 87-91, 157-164.
- _____. 1920. Description of a proposed new race of the killdeer from the coast of Peru. Auk, 37:105-108.
- _____. 1921a. Descriptions of proposed new birds from Colombia, Ecuador, Peru and Brazil. Amer. Mus. Novit., no. 18, 12 pp.
- _____. 1921b. The distribution of bird life in the Urubamba Valley of Peru. Bull. U. S. Nat. Mus., 117, 138 pp.
- _____. 1923a. Descriptions of proposed new birds from Panama, Venezuela, Ecuador, Peru and Bolivia. Amer. Mus. Novit., no. 67, 12 pp.
- _____. 1923b. The distribution of the motmots of the genus *Momotus*. Bull. Amer. Mus. Nat. Hist., 48:27-59.
- _____. 1923c. Descriptions of proposed new birds from Venezuela, Colombia, Ecuador, Peru and Chile. Amer. Mus. Novit., no. 96, 12 pp.
- _____. 1923d. Descriptions of proposed new Formicariidae and Dendrocolaptidae. Amer. Mus. Novit., no. 86, 20 pp.
- _____. 1924a. Descriptions of new flycatchers from Colombia, Ecuador and Peru. Amer. Mus. Novit., no. 118, 11 pp.
- _____. 1924b. Descriptions of new genera and species of Tracheophonae from Panama, Ecuador, Peru and Bolivia. Amer. Mus. Novit., no. 123, 9 pp.
- _____. 1924c. Descriptions of new birds from Ecuador, Colombia, Peru and Bolivia. Amer. Mus. Novit., no. 138, 16 pp.
- _____. 1924d. Descriptions of new birds from Colombia, Ecuador, Peru and Bolivia. Amer. Mus. Novit., no. 143, 16 pp.
- _____. 1925a. Descriptions of new birds from Colombia, Ecuador, Peru and Argentina. Amer. Mus. Novit., no. 160, 14 pp.
- _____. 1925b. Descriptions of new birds from Ecuador and Peru. Amer. Mus. Novit., no. 187, 9 pp.
- _____. 1925c. Descriptions of one new genus and of species of birds from Peru and Ecuador. Amer. Mus. Novit., no. 205, 11 pp.

- _____. 1926a. The distribution of bird-life in Ecuador. Bull. Amer. Mus. Nat. Hist., 55, 784 pp.
- _____. 1926b. Descriptions of new birds from Bolivia, Peru, Ecuador and Brazil. Amer. Mus. Novit., no. 231, 7 pp.
- _____. 1927a. Descriptions of new birds from north-western Peru and western Colombia. Amer. Mus. Novit., no. 250, 7 pp.
- _____. 1927b. The variations and distribution of *Saltator aurantirostris*. Amer. Mus. Novit., no. 261, 19 pp.
- _____. 1928. Descriptions of new birds from eastern Ecuador and eastern Peru. Amer. Mus. Novit., no. 332, 12 pp.
- Chapman, F. M., and L. Griscom. 1924. The house wrens of the genus *Troglodytes*. Bull. Amer. Mus. Nat. Hist., 50:297-304.
- Chubb, C. 1917. New species and forms of birds from Peru described. Bull. Brit. Ornith. Club, 38:4-5, 17-19, 29-34.
- _____. 1918a. Descriptions of new forms from South America. Bull. Brit. Ornith. Club, 38:40-41, 47-48, 83-87.
- _____. 1918b. Descriptions of new forms of South and Central American birds. Bull. Brit. Ornith. Club, 39:21-23.
- _____. 1919a. New forms of South American birds. Ann. Mag. Nat. Hist., ser. 9, 4:301-304.
- _____. 1919b. Notes on collections of birds in the British Museum, from Ecuador, Peru, Bolivia, and Argentina. Ibis, 1919:1-55; 256-290.
- _____. 1919c. Descriptions of new forms of South and Central American birds. Bull. Brit. Ornith. Club, 39:41-42, 51-53, 70-72.
- _____. 1920. *Atticora fucata roraimae*, and *Henicorhina leucosticta hauxwelli* subsp. n. described. Bull. Brit. Ornith. Club, 40:155-156.
- Coker, R. 1920. Habits and economic relations of the guano birds of Peru. Proc. U.S. Nat. Mus., 56:449-511.
- Conover, B. 1949. A new species of *Tinamus* from Peru. Fieldiana: Zool. [Chicago], 31:263-266.
- _____. 1950. A study of the Spotted Tinamous, genus *Nothura*. Fieldiana: Zool. [Chicago], 31:339-374.
- Cory, C. B. 1913. Descriptions of twenty-eight new species and subspecies of neotropical birds. Field Mus. Nat. Hist., Ornith. Ser., 1:283-292.
- _____. 1915a. Descriptions of new birds from South America and adjacent islands. Field Mus. Nat. Hist., Ornith. Ser., 1:293-302.

- _____. 1915b. Notes on South American birds with descriptions of new subspecies. *Field Mus. Nat. Hist., Ornith. Ser.*, 1:303-335.
- _____. 1916. Descriptions of apparently new South American birds with notes on some little known species. *Field Mus. Nat. Hist., Ornith. Ser.*, 1:337-346.
- _____. 1919a. Descriptions of new birds from South America. *Auk*, 36:88-89.
- _____. 1919b. New forms of South American birds and proposed new subgenera. *Auk*, 36:273-276.
- Darwin, C. 1841. *The Zoology of the Voyage of H.M.S. Beagle*. Smith, Elder and Co., London, pt. 3, 156 pp.
- Davis, J. 1971. Breeding and molt schedules of the Rufous-collared Sparrow in coastal Peru. *Condor*, 73:127-146.
- Des Murs, O. 1845-1849. *Iconographie Ornithologique*. 146 pp.
- _____. 1855 [1856]. Oiseaux. In F. Castelnau, *Animaux nouveaux ou rares recueillis pendant l'expédition dans les parties centrales de l'Amérique du Sud*. Zoologie. P. Bertrand. 1:1-98.
- Déville, E. 1849. Description de quelques mammifères et oiseaux nouveaux de l'Amérique Méridionale. *Rev. Mag. Zool. [Paris]*, 1849:55-58.
- Déville, E., and P. L. Sclater. 1852. Description d'une nouvelle espèce de cotinga provenant de l'expédition de MM. Castelnau et Déville dans l'Amérique du Sud. *Rev. Mag. Zool. [Paris]*, 1852:226-227.
- Diamond, J. M., and J. W. Terborgh. 1967. Observations on bird distribution and feeding assemblages along the Río Callarúa, Department of Loreto, Peru. *Wilson Bull.*, 79:273-282.
- Dickerman, R. 1975. W. New subspecies of *Caprimulgus sericocaudatus* from the Amazon River basin. *Bull. Brit. Ornith. Club*, 95:18-19.
- _____. 1976. *Caprimulgus sericocaudatus mengeli* subsp. nov. *Bull. Brit. Ornith. Club*, 96:80.
- Domaniewski, J. 1918. Die geographischen Formen von *Catharus dryas* Gould. *Bull. Acad. Sci., Cracovie*, 1918:134-136.
- _____. 1925. Übersicht der Formen der Gattung *Picumnus* Temm. *Ann. Zool. Mus. Polon. Hist. Nat.*, 4:287-308.
- Donahue, P. K., and W. R. Peterson. 1980. First records of Snowy-crowned Tern (*Sterna trudeaui*) for Peru. *Amer. Birds*, 34:213.
- Dorst, J. 1956a. Étude d'une collection d'oiseaux rapportée des hauts plateaux andins du Pérou méridional. *Bull. Mus. Nat. Hist. Nat., Paris*, (2), 28:435-445.

- _____. 1956b. Étude d'une collection d'oiseaux rapportée du Pérou central. Bull. Mus. Nat. Hist. Nat., Paris, (2), 28:265-272.
- _____. 1956c. Notes sur la biologie des Colaptes, *Colaptes rupicola* des hauts plateaux Péruviens. Oiseau, 26:118-125.
- _____. 1956d. L'exploitation du guano au Pérou. La protection de la nature au service de l'économie humaine. Terre et la Vie, 103:49-63.
- _____. 1956e. Étude biologique des Trochilidés des hauts plateaux péruviens. Oiseau, 26:165-193.
- _____. 1957a. Étude d'une collection d'oiseaux rapportée du bassin du haut Marañon, Pérou septentrional. Bull. Mus. Nat. Hist. Nat., Paris, (2), 29:377-384.
- _____. 1957b. Contribution à l'étude écologique des oiseaux du haut Marañon (Pérou septentrional). Oiseau, 27:235-269.
- _____. 1957c. Étude d'une collection d'oiseaux des hauts plateaux andins du Pérou méridional. Bull. Mus. Nat. Hist. Nat., Paris, (2), 29:127-129.
- _____. 1957d. Description d'une espèce nouvelle de Tyran du genre *Serpophaga* du Pérou septentrional. Bull. Mus. Nat. Hist. Nat., Paris, (2), 29:207-209.
- _____. 1961. Étude d'une collection d'oiseaux rapportée de la vallée de Sandía, Pérou méridional. Bull. Mus. Nat. Hist. Nat., Paris, (2), 33:563-570.
- _____. 1962a. À propos de la nidification hypogée de quelques oiseaux des hautes Andes péruviennes. Oiseau, 32:5-14.
- _____. 1962b. Étude d'une collection d'oiseaux rapportée des hautes Andes méridionales du Pérou. Bull. Mus. Nat. Hist. Nat., Paris, (2), 34:427-434.
- _____. 1962c. Nouvelles recherches biologiques sur les Trochilidés des hautes Andes péruviennes (*Oreotrochilus estella*). Oiseau, 32:95-126.
- _____. 1963a. Quelques adaptations écologiques des oiseaux des hautes Andes péruviennes. Proc. 13th Intern. Ornith. Congr. Ithaca, 1962:658-665.
- _____. 1963b. Note sur la nidification et le comportement acoustique du jeune *Asthenes wyatti punensis* (Furnariides), au Pérou. Oiseau, 33:1-6.
- _____. 1972. Poids relatif du coeur chez quelques oiseaux des hautes Andes du Pérou. Oiseau, 42:66-73.
- Duffy, D. C. 1982. Land-birds of a guano island off the coast of Peru. Bull. Brit. Ornith. Club, 102:87-88.

- Duffy, D. C., and N. Atkins. 1979. The second breeding record for the Gray-hooded Gull (*Larus cirrocephalus*) on the coast of Peru. *Condor*, 81:219.
- Dunajewski, A. 1938. Über einige interessanten Vögel aus Peru (non Passeriformes). *Acta Ornith. Mus. Zool., Polon.*, 2:319-325.
- . 1939. Über einige interessanten Vögel aus Peru (Passeriformes). *Acta Ornith. Mus. Zool., Polon.*, 3:7-15.
- Eley, J. W., G. R. Graves, T. A. Parker III, and D. R. Hunter. 1979. Notes on *Siptornis striaticollis* (Furnariidae) in Peru. *Condor*, 81:319.
- Fitzpatrick, J. 1980a. Foraging behavior of neotropical tyrant flycatchers. *Condor*, 82:43-57.
- . 1980b. A new race of *Atlapetes leucopterus*, with comments on widespread albinism in *A. l. dresseri* (Taczanowski). *Auk*, 97:883-887.
- Fitzpatrick, J. W., and J. O'Neill. 1979. A new tody-tyrant from northern Peru. *Auk*, 96:443-447.
- Fitzpatrick, J. W., J. W. Terborgh, and D. E. Willard. 1977. A new species of wood-wren from Peru. *Auk*, 94:195-201.
- Fitzpatrick, J. W., D. E. Willard, and J. W. Terborgh. 1979. A new species of hummingbird from Peru. *Wilson Bull.*, 91:177-186.
- Forbes, H. O. 1913. The Peruvian guano islands. *Ibis*, 1913:709-712.
- . 1914. Notes on Molina's Pelican (*Pelecanus thagus*). *Ibis*, 1914:403-420.
- Frazier, F. P., Jr. 1964. New records of Cattle Egrets in Peru. *Auk*, 81:553-554.
- Friedmann, H., and H. G. Deignan. 1942. Notes on Tschudi's types of Peruvian birds. *Zoologica*, 27:49-53.
- Gardner, A. L., and J. L. Patton. 1976. Karyotypic variation in Oryzomyine rodents (Cricetinae) with comments on chromosomal evolution in the neotropical Cricetine complex. *Occas. Pap. Mus. Zool., Louisiana State University*, no. 49, 48 pp.
- Garth, J. S. 1937. The Hancock Expedition of 1935 to the bird islands of Peru. *Condor*, 39:3-8.
- George, W. G. 1964. A Peruvian race of *Spinus crassirostris*. *Condor*, 66:248-250.
- Gill, F. B. 1964. The shield color and relationships of certain Andean coots. *Condor*, 66:209-211.
- Gochfeld, M. 1977. Peregrine falcon sightings in eastern Peru. *Condor*, 79:391-392.

- Gould, J. 1855a. Descriptions of eight new species of birds from South America. Proc. Zool. Soc. London, 1855:67-70.
- . 1855b. Collection of birds formed by Mr. Hauxwell. Proc. Zool. Soc. London, 1855:77.
- . 1872. Descriptions of three new species of hummingbirds. Ann. Nat. Hist., 4(10):452-453.
- Graham, G. L., G. R. Graves, T. S. Schulenberg, and J. P. O'Neill. 1980. Seventeen bird species new to Peru from the Pampas de Heath. Auk, 97:366-370.
- Graves, G. 1980. A new species of Metaltail Hummingbird from northern Peru. Wilson Bull., 92:1-7.
- . 1981. New Charadriiform records from coastal Peru. Gerfaut, 71:75-79.
- Gyldenstolpe, N. 1930. Notes on Ant Wrens allied to *Myrmotherula surinamensis* Gmelin, together with the descriptions of two new forms. Ark. Zool., Stockholm, 21A(26):1-38.
- Haffer, J. 1969. Speciation in Amazonian forest birds. Science, 165:131-137.
- . 1974. Avian speciation in tropical South America. Nuttall Ornith. Club Publ., no. 14, 390 pp.
- Hainsworth, F. R. 1977. Foraging efficiency and parental care in *Colibri coruscans*. Condor, 79:69-75.
- Hartert, E., and A. Goodson. 1917a. Notes and descriptions of South American birds. Novit. Zool., 24:410-419.
- . 1917b. Further notes on South American birds. Novit. Zool., 24:494-501.
- Hellmayr, C. E. 1905. Description of two new birds discovered by Mr. O. T. Baron in northern Peru. Novit. Zool., 12:503-504.
- . 1907. Another contribution to the ornithology of the lower Amazon. Novit. Zool., 14:1-39.
- . 1910. Notes sur quelques oiseaux de l'Amerique tropicale. Rev. Français Ornith., 1:161-165.
- . 1912. Ueber neue und seltene vögel aus Südperu. Verh. Ornith. Ges., Bayern, 11:159-163.
- . 1913. Beschreibung von zwei neuer neotropischen Tangaren. Verh. Ornith. Ges., Bayern, 11:317-318.
- . 1915. Neue formen aus dem neotropischen Gebiet. Verh. Ornith. Ges., Bayern, 12:206-214.

- _____. 1917a. Beschreibung von sechs neuen neotropischen Vogelformen, nebst einer Bemerkung über *Ampelion cinctus* (Tsch.). Verh. Ornith. Ges., Bayern, 13:106-119.
- _____. 1917b. Miscellanea Ornithologica, Zwei neue neotropische Trachioophonen. Verh. Ornith. Ges., Bayern, 13:188-200.
- _____. 1919a. Zwei neue neotropische Vogelformen. Anz. Ornith. Ges., Bayern, 1:2-3.
- _____. 1919b. Ein Beitrag zur Ornithologie von Südost-Peru. Archiv. f. Naturg., Abt. A, 85(10), 131 pp.
- _____. 1920. Neue neotropische Formen. Anz. Ornith. Ges., Bayern, 1:15-21.
- _____. 1930. On two undescribed Neotropical birds. Novit. Zool., 35:265-267.
- _____. 1938. Catalogue of birds of the Americas. Field Mus. Nat. Hist., Zool. Ser., 13, pt. 11, 662 pp.
- Hellmayr, C. E., and B. Conover. 1949. Catalogue of birds of the Americas. Field Mus. Nat. Hist., Zool. Ser., 13, pt. 1, no. 4, 358 pp.
- Housse, E. 1940a. El cóndor (*Vultur gryphus* Linne). Bol. Mus. hist. Nat. "Javier Prado," no. 13, pp. 223-242.
- _____. 1940b. El Urubu o Gallinazo (*Coragyps atratus foetens* Lich.). Bol. Mus. Hist. Nat. "Javier Prado," no. 14, pp. 373-386.
- Hughes, R. A. 1970. Notes on the birds of the Mollendo district, southwest Peru. Ibis, 112:229-241.
- _____. 1976. Additional records of birds from the Mollendo District coast of southwest Peru. Condor, 78:118-119.
- _____. 1980. Midwinter breeding by some birds in the high Andes of southern Peru. Condor, 82:229.
- Jenkinson, M. A., and M. D. Tuttle. 1976. *Accipiter poliogaster* from Peru, and remarks on two collecting localities named "Sarayacu." Auk, 93: 187-189.
- Johnson, A. W. 1972. The birds of Chile and adjacent regions of Argentina, Bolivia and Peru. Platt Eastablecimientos Gráficos, Buenos Aires, supplement, 116 pp.
- Koepcke, H.-W. 1961. Synökologische Studien an der Westseite der peruanischen Anden. Bonn. Geogr. Abhand., 29, 320 pp.
- _____. 1963. Probleme des Vogelsuges in Peru. Proc. 13th Intern. Ornith. Congr., Ithaca, 1962:396-411.

- Koepcke, H.-W., and M. Koepcke. 1953. Die warmen Feuchtluftwüsten Perus. Bonn. Zool. Beitr., 4:79-146.
- _____. 1963. Las aves silvestres de importancia económica del Perú. Min. Agr. Dir. Gen. Forestal, Caza y Tierras, 152 pp.
- Koepcke, M. 1954a. Carte ecológico transversal en los Andes del Perú central con especial consideración de las aves. Mem. Mus. Hist. Nat. "Javier Prado," no. 3, 119 pp.
- _____. 1954b. *Zaratornis stresemanni* nov. gen. nov. spec., un cotingido nuevo del Perú. Publ. Mus. Hist. Nat. "Javier Prado," Ser. A (Zool.), no. 16, 8 pp.
- _____. 1957. Una nueva especie de *Synallaxis* (Furnariidae, Aves) de las vertientes occidentales Andinas del Perú central. Publ. Mus. Hist. Nat. "Javier Prado," Ser. A (Zool.), no. 18, 8 pp.
- _____. 1958. Die Vögel des Waldes von Zárate (Westhang der Anden in Mittelperu). Bonn. Zool. Beitr., 9:130-193.
- _____. 1959. Ein neuer *Asthenes* (Aves, Furnariidae) von der Küste und dem westlichen Anden-abhang Südpurus. Beitr. Neotrop. Fauna, 1:243-248.
- _____. 1961a. Birds of the western slope of the Andes of Peru. Amer. Mus. Novit., no. 2028, 31 pp.
- _____. 1961b. Las razas geograficas de *Cranioleuca antisiensis* (Furnariidae, Aves) con la descripción de una nueva subespecie. Publ. Mus. Hist. Nat. "Javier Prado," Ser. A (Aool.), no. 20, 17 pp.
- _____. 1962a. "*Crypturellus rubripes*"; das Männchen von *Crypturellus transfasciatus* Sclater and Salvin. Journ. für Ornith., 103:272-275.
- _____. 1962b. Zur Kenntnis der in Peru lebenden Tauben der Gattung *Columbigallina* Boie. Beitr. Neotrop. Fauna, 2:295-301.
- _____. 1963a. Anpassungen und geographische Isolation bei Vögeln der peruanischen Küstenlomas. Proc. 13th Intern. Ornith. Congr., 1962:1195-1213.
- _____. 1963b. Zur Kenntnis einiger Finken des peruanischen Küstengebietes. Beitr. Neotrop. Fauna, 3:2-19.
- _____. 1964. The birds of the department of Lima, Peru. Livingston, Wynnwood, Penn., 144 pp.
- _____. 1965. Zur Kenntnis einiger Furnariiden (Aves) der Kuste und des Westlichen Andenabhanges Perus. Beitr. Neotrop. Fauna, 4:150-173.
- _____. 1968. Die Rassengliederung von *Nothoprocta pentlandi* (Tinamidae) in Peru mit Beschreibung einer neuen Subspezies. Bonn. Zool. Beitr., 19:225-234.

- _____. 1971. *Zonotrichia capensis markli* nov. subspec. (Fringillidae; Aves), una raza geográfica nueva del Gorrión Americano de la costa norte del Perú. Publ. Mus. Hist. Nat. "Javier Prado," Ser. A (Zool.), no. 23, 11, pp.
- Koepcke, M. 1972. Über die Resistenzformen der Vogelnester in einem begrenzten Gebiet des tropischen Regenwaldes in Peru. Journ. für Ornith., 113:138-160.
- Lamas, M. G. 1976. A gazetteer of Peruvian entomological stations (based on Lepidoptera). Rev. Peru. Entom., 19:17-25.
- Lanyon, W. E. 1975. Behavior and generic status of the Rufous Flycatcher of Peru. Wilson Bull., 87:441-455.
- Leck, C. 1973. Pelicans in the city of Lima, Peru. Condor, 75:357.
- Lesson, R. P. 1837. In Baron de Bougainville, Journal de le Navigation autour du Globe de la Frégate La Thetis et de la Corvette l'Espérance en 1824-26. Paris, 2:311-331.
- Lesson, R., and P. Garnot. 1826-1830. In L. I. Duperry, Zoologie in Voyage autour du Monde sur la Corvette, "La Coquille." A. Bertrand, Paris, 1:246-269.
- Lincoln, F. C. 1944. Chimney Swift's winter home discovered. Auk, 61: 604-609.
- Lowe, P. R. 1912. Described a new species and subspecies of American creeper, *Coereba pacifica*. Bull. Brit. Ornith. Club, 29:85-86.
- Lowery, G. H., Jr., and J. P. O'Neill. 1964. A new genus and species of tanager from Peru. Auk, 81:125-131.
- _____. 1965. A new species of *Cacicus* (Aves, Icteridae) from Peru. Occas. Pap. Mus. Zool., Louisiana State University, no. 33, 5 pp.
- _____. 1966. A new genus and species of Cotinga from eastern Peru. Auk, 83:1-9.
- _____. 1969. A new species of antpitta from Peru and a revision of the subfamily Grallariinae. Auk, 86:1-12.
- Lowery, G. H. Jr., and D. A. Tallman. 1976. A new genus and species of nine-primaried oscine of uncertain affinities from Peru. Auk, 93:415-428.
- MacFarlane, J. R. H. 1887. Notes on birds in the western Pacific, made in H. M. S. "Constance," 1883-5. Ibis, 1887:201-215.
- Maisch, C. 1946. Las aves del guano peruano. Bol. Mus. Hist. Nat. "Javier Prado," nos. 36-37, pp. 103-133.

- Ménégaux, A. 1909. Étude d'une collection d'oiseaux provenant des hautes plateaux de la Bolivie et du Pérou meridional. Bull. Soc. Philom. Paris, Ser. 10, 1:205-229.
- _____. 1910a. Étude d'une collection d'oiseaux provenant des hautes plateaux de la Bolivie et du Pérou meridional. Rev. Franc. Ornith., 1:132-138. [mis-numbered as pp. 122-128 in journal]
- _____. 1910b. Étude d'une collection d'oiseaux du Pérou. Rev. Franc. Ornith., 1:318-322.
- _____. 1911. Étude d'une collection d'oiseaux du Pérou (cont. from Ménégaux, 1910b). Rev. Franc. Ornith., 2:8-11.
- Meyer de Schauensee, R. 1944. Notes on Colombian parrots. Notulae Naturae [Philadelphia], no. 140, 5 pp.
- _____. 1945a. Notes on Colombian antbirds, ovenbirds, and woodhewers, with a description of a new form from Peru. Notulae Naturae [Philadelphia], no. 153, 15 pp.
- _____. 1945b. Notes on *Buteo magnirostris*, with a description of a new form from Peru. Notulae Naturae [Philadelphia], no. 156, 4 pp.
- _____. 1952a. A review of the genus *Sporophila*. Proc. Acad. Nat. Sci., Philadelphia, 104:153-196.
- _____. 1953. Manakins and cotingas from Ecuador and Peru. Proc. Acad. Nat. Sci., Philadelphia, 105:29-43.
- Morrison, A. 1938. Three new birds from the Department of Huancavelica, central Peru. Ibis, 1938:774-775.
- _____. 1939a. A new coot from Peru, with remarks by C. E. Hellmayr. Bull. Brit. Ornith. Club, 59:56-57.
- _____. 1939b. The birds of the Department of Huancavelica, Peru. Ibis, 1939:453-486.
- _____. 1939c. Notes on the birds of Lake Junín, central Peru. Ibis, 1939:643-654.
- _____. 1939d. Notes on Peruvian waterfowl. Avicult. Mag., 4:259-263.
- _____. 1940. Notas sobre las aves del Lago de Junín. Bol. Mus. Hist. Nat. "Javier Prado," 4:84-92.
- _____. 1947a. A new race of spine-tail from Peru. Bull. Brit. Ornith. Club, 67:80-81.
- _____. 1947b. A new race of *Atlapetes* from Peru. Bull. Brit. Ornith. Club, 67:88.

- _____. 1948a. Notes on the birds of the Pampas River Valley, south Peru. *Ibis*, 90:119-126.
- _____. 1948b. A list of the birds observed at the Hacienda Huarapa, Department of Huánuco, Peru. *Ibis*, 90:126-128.
- _____. 1948c. Notes on Peruvian birds. *Ibis*, 90:130-132.
- Munn, C. A., and J. W. Terborgh. 1979. Multi-species territoriality in neotropical foraging flocks. *Condor*, 81:338-347.
- Murphy, R. C. 1920. The seacoasts and islands of Peru. Brooklyn Mus. Quart., 7:69-95, 165-187, 239-272.
- _____. 1921. The seacoast and islands of Peru. Brooklyn Mus. Quart., 8:1-28, 35-55, 91-105, 142-155.
- _____. 1922. The seacoast and islands of Peru. Brooklyn Mus. Quart., 9:44-70, 95-107, 141-154, 165-183.
- _____. 1925a. Bird Islands of Peru. Putnam, New York, 362 pp.
- _____. 1925b. Notes on certain species and races of oystercatchers. Amer. Mus. Novit., no. 194, 15 pp.
- _____. 1927. The Peruvian Guano Islands of seventy years ago. Nat. Hist., New York, 27:439-447.
- _____. 1936. Oceanic birds of South America. Amer. Mus. Nat. Hist., New York, 2 vols., 1,245 pp.
- Nation, W. 1874. On the habits of *Spermophila simplex*. Proc. Zool. Soc. London, 1874:329-330.
- _____. 1885. Notes on Peruvian birds. Proc. Zool. Soc. London, 1885:277-279.
- Naumburg, E. M. B. 1933. A study of *Zenaida auriculata*. Amer. Mus. Novit., no. 648, 15 pp.
- Niethammer, G. 1956. Zur Vogelwelt Boliviens (Teil II: passerines). Bonn. Zool. Beitr., 7:84-150.
- Oatman, F., M. Plenge, and D. Simon. 1980. First sightings of the ruff in Peru. Amer. Birds, 34:214.
- Oberholser, H. C. 1906. Description of a new *Querquedula*. Proc. Biol. Soc. Washington, 19:93-94.
- Olson, S. L. 1980. Revision of the Tawny-faced Antwren, *Microbates cinereiventris* (Aves. Passeriformes). Proc. Biol. Soc. Washington, 93: 68-74.

- O'Neill, J. P. 1966. Notes on the distribution of *Conothraupis speculigera* (Gould). Condor, 68:598-600.
- _____. 1969. Distributional notes on the birds of Peru, including twelve species previously unreported from the republic. Occas. Pap. Mus. Zool., Louisiana State University, no. 37, 11 pp.
- O'Neill, J. P., and A. L. Gardner. 1974. Rediscovery of *Aulacorhynchus prasinus dimidiatus* (Ridgway). Auk, 91:700-704.
- O'Neill, J. P., and G. Graves. 1977. A new genus and species of owl (Aves, Strigidae) from Peru. Auk, 94:409-416.
- O'Neill, J. P., and T. A. Parker, III. 1976. New subspecies of *Schizoeaca fuliginosa* and *Uromyias agraphia* from Peru. Bull. Brit. Ornith. Club, 96:136-141.
- _____. 1977. Taxonomy and range of *Pionus "seniloides"* in Peru. Condor, 79:274.
- O'Neill, J. P., and D. L. Pearson. 1974. Estudio preliminar de las aves de Yarinacocha, Departamento de Loreto, Perú. Publ. Mus. Hist. Nat. "Javier Prado," Ser. A. (Zool.), no. 25, 13 pp.
- O'Neill, J. P., and T. Schulenberg. 1979. Notes on the Masked Saltator *Saltator cinctus*, in Peru. Auk, 96:610-613.
- Orbigny, A. D. d'. 1847. Voyage dans l'Amerique Méridionale. Vol. 4, pt. 3, Oiseaux. P. Bertrand, Paris, 395 pp.
- Ortiz de la Puente, J. 1952. Los patos del Perú. Serie Divulg. Cient. Min. Agricult., Lima, no. 4, pp. 3-20.
- Parker, T. A., III, and J. P. O'Neill. 1980. Notes on little known birds of the upper Urubamba valley, southern Peru. Auk, 97:167-176.
- Parker, T. A., III, and S. Parker. 1980. Rediscovery of *Xenerpestes singularis* (Furnariidae). Auk, 97:203-205.
- Parker, T. A., III, S. A. Parker, and M. A. Plenge. 1982. An annotated checklist of Peruvian birds. Buteo Books, Vermillion, So. Dakota, 108 pp.
- Parkes, K. C. 1969. Some undescribed subspecies of tanagers from South America. Bull. Brit. Ornith. Club, 89:17-20.
- _____. 1970. A revision of the Red-rumped Cacique, *Cacicus haemorrhous* (Aves: Icteridae). Proc. Biol. Soc. Washington, 83:203-214.
- Paynter, R. A., Jr. 1967. Notes on the emberizine sparrow *Rhynchospiza stolzmanni*. Breviora, Mus. Comp. Zool., Harvard, no. 278, 6 pp.
- _____. 1972. Biology and evolution of the *Atlapetes schistaceus* species-group (Aves: Emberizinae). Bull. Mus. Comp. Zool., Harvard, 143:297-320.

- Pearson, A. K., and O. P. Pearson. 1955. Natural history and breeding behavior of the Tinamou, *Nothoprocta ornata*. *Auk*, 72:113-127.
- Pearson, D. L. 1971. Vertical stratification of birds in a tropical dry forest. *Condor*, 73:46-55.
- . 1975a. Range extensions and new records for bird species in Ecuador, Peru, and Bolivia. *Condor*, 77:96-99.
- . 1975b. The relation of foliage complexity to ecological diversity of three Amazonian bird communities. *Condor*, 77:453-466.
- . 1977. Ecological relationships of small antbirds in Amazonian bird communities. *Auk*, 94:283-292.
- Pearson, D. L., and M. A. Plenge. 1974. Puna bird species on the coast of Peru. *Auk*, 91:626-631.
- Pearson, O. P., and C. P. Ralph. 1978. The diversity and abundance of vertebrates along an altitudinal gradient in Peru. *Mem. Mus. Hist. Nat. "Javier Prado,"* no. 18, 97 pp.
- Peters, J. L., and J. A. Griswold, Jr. 1943. Birds of the Harvard Peruvian Expedition. *Bull. Mus. Comp. Zool., Harvard*, 92:279-327.
- Plenge, M. A. 1974. Notes on some birds in west-central Perú. *Condor*, 76:326-330.
- . 1979. Type specimens of birds in the Museo de Historia Natural "Javier Prado," Lima, Peru. *Occas. Pap. Mus. Zool., Louisiana State University*, no. 53, 13 pp.
- . 1982. The distribution of the Lesser Rhea *Pterocnemia pennata* in southern Perú and northern Chile. *Ibis*, 124:168-172.
- Remsen, J. V., Jr. 1977. A third locality in Colombia for the Dusky-chested Flycatcher (*Tyrannopsis luteiventris*). *Bull. Brit. Ornith. Club*, 97:93-94.
- Ridoutt, C. A. 1939. Aves peruanas que van desapareciendo. *Bol. Mus. Hist. Nat. "Javier Prado,"* 3:91-95.
- . 1941. La colección ornitológica del museo. *Bol. Mus. Hist. Nat. "Javier Prado,"* 5:86-108, 248-263.
- . 1944. Las aves del Perú. *Bol. Mus. Hist. Nat. "Javier Prado,"* 8:82-88.
- Riley, J. H. 1916. Two new Ralliformes from tropical America. *Proc. Biol. Soc. Washington*, 29:103-104.
- Robbins, M. B. and D. A. Wiedenfeld. 1982. Observations at a Laughing Falcon nest. *Wilson Bull.*, 94:83-84.

- Roc, N. A., and W. W. Rees. 1979. Notes on the puna avifauna of Azángaro Province, Department of Puno, southern Peru. *Auk*, 96:475-482.
- Rossem, A. van. 1934. Notes on the races of *Claravis mondetoura*. *Trans. San Diego Soc. Nat. Hist.*, 8:5-8.
- Ruschi, A. 1964. Nidificação de *Loddigesia mirabilis* (Boucier) em cativeiro e algumas observações sobre sua hibridação com *Myrtis fanny fanny* (Lesson). *Bol. Mus. Biol. Prof. Mello-Leitão, Biologia*, 43, 7 pp.
- Salvin, O. 1874. A visit to the principal museums of the United States with notes on some of the birds contained therein. *Ibis*, 1874:305-329.
- _____. 1883. A list of the birds collected by Captain A. H. Markham on the west coast of America. *Proc. Zool. Soc. London*, 1883:419-432.
- _____. 1897. On two new species of hummingbirds from Peru. *Bull. Brit. Ornith. Club*, 6:30-31.
- _____. 1895. On birds collected in Peru by Mr. O. T. Baron. *Novit. Zool.*, 2:1-22.
- Sanft, K. 1970. Gewichte südamerikanischer Vögel. Nonpasseres. *Beitr. Vogelkd.*, Leipzig, 16:344-354.
- _____. 1973. Gewichte südamerikanischer Vögel. Passeres. *Beitr. Vogelkd.*, Leipzig, 19:406-423.
- Saunders, H. 1878. On the Larinae. *Proc. Zool. Soc. London*, 1878:155-212.
- _____. 1882. On some Laridae from the coasts of Peru and Chile, collected by Capt. Albert H. Markham, R. N., with remarks on the geographical distribution of the groups in the Pacific. *Proc. Zool. Soc. London*, 1882:520-530.
- Scheuerman, A. G. 1977. Hallazgos del Paujil *Crax mitu* (Aves: Cracidae) al norte del Río Amazonas y notas sobre su distribución. *Lozania (Acta Zool. Colomb.)*, no. 22.
- Schulenberg, T. S., and G. L. Graham. 1981. A new subspecies of *Anairetes agraphia* (Tyrannidae) from northern Peru. *Bull. Brit. Ornith. Club*, 101: 241-247.
- Schulenberg, T. S., and T. A. Parker. 1981. Status and distribution of some northwest Peruvian birds. *Condor*, 83:209-216.
- Schulenberg, T. S., and M. Plenge. 1980. The type locality and taxonomy of *Anisognathus flavinucha somptuosus*. *Bull. Brit. Ornith. Club*, 100:147-149.
- Sclater, P. L. 1857. On a collection of birds transmitted by Mr. H. W. Bates from the upper Amazon. *Proc. Zool. Soc. London*, 1857:261-268.

- _____. 1866. On the birds in the vicinity of Lima, Peru. Proc. Zool. Soc. London, 1866:96-100.
- _____. 1867. On the birds of the vicinity of Lima, Peru. Proc. Zool. Soc. London, 1867:340-344.
- _____. 1869. On the birds of the vicinity of Lima, Peru. Proc. Zool. Soc. London, 1869:146-148.
- _____. 1871. On the birds of the vicinity of Lima, Peru. Proc. Zool. Soc. London, 1871:496-498.
- _____. 1873. On Peruvian birds collected by Mr. Whitely. Part VII. Proc. Zool. Soc. London, 1873:779-784.
- _____. 1878. Further remarks on *Fuligula nationi*. Proc. Zool. Soc. London, 1878:477-479.
- _____. 1879. Exhibition and description of a new humming-bird, *Thaurnasius taczanowskii* from northern Peru. Proc. Zool. Soc. London, 1879:145-146.
- _____. 1881. On the birds of the vicinity of Lima, Peru. Proc. Zool. Soc. London, 1881:484-488.
- _____. 1883. Exhibited two birds obtained near Lima, Peru, transmitted to him by Prof. William Nation. Proc. Zool. Soc. London, 1883:348-349.
- _____. 1886. Description of a new ground-finch from western Peru. Ibis, 1886:258-259.
- Sclater, P. L., and O. Salvin. 1866a. Catalogue of birds collected by Mr. E. Bartlett on the river Ucayali, Eastern Peru, with notes and descriptions of new species. Proc. Zool. Soc. London, 1866:175-201.
- _____. 1866b. On some additions to the catalogue of birds collected by Mr. E. Bartlett on the River Ucayali. Proc. Zool. Soc. London, 1866:566-567.
- _____. 1867a. Catalogue of birds collected by Mr. E. Bartlett on the River Huallaga, eastern Peru, with notes and descriptions of new species. Proc. Zool. Soc. London, 1867:748-759.
- _____. 1867b. List of birds collected at Pebas, upper Amazon, by Mr. John Hauxwell, with notes and descriptions of new species. Proc. Zool. Soc. London, 1867:977-981.
- _____. 1867c. On Peruvian birds collected by Mr. Whitely. Part I. Proc. Zool. Soc. London, 1867:982-991.
- _____. 1868a. On Peruvian birds collected by Mr. H. Whitely. Part II. Proc. Zool. Soc. London, 1868:173-178.

- _____. 1868b. On Peruvian birds collected by Mr. Whitely. Part III. Proc. Zool. Soc. London, 1868:568-570.
- _____. 1869a. On Peruvian birds collected by Mr. Whitely. Part IV. Proc. Zool. Soc. London, 1869:151-158.
- _____. 1869b. On two new birds collected by Mr. E. Bartlett in Eastern Peru. Proc. Zool. Soc. London, 1869:437-439.
- _____. 1869c. On Peruvian birds collected by Mr. Whitely. Part V. Proc. Zool. Soc. London, 1869:596-602.
- _____. 1871. A revised list of the neotropical Laridae. Proc. Zool. Soc. London, 1871:564-580.
- _____. 1873a. On Peruvian birds collected by Mr. Whitely. Part VI. Proc. Zool. Soc. London, 1873:184-187.
- _____. 1873b. On the birds of eastern Peru, with notes on the habits of birds by Edward Bartlett. Proc. Zool. Soc. London, 1873:252-311.
- _____. 1874. On Peruvian birds collected by Mr. Whitely. Part VIII. Proc. Zool. Soc. London, 1874:677-680.
- _____. 1876. On Peruvian birds collected by Mr. Whitely. Part IX. Proc. Zool. Soc. London, 1876:15-19.
- _____. 1877. Descriptions of six new species of South American birds. Proc. Zool. Soc. London, 1877:521-523.
- _____. 1878. On the collection of birds made by Prof. Steere in South America. Proc. Zool. Soc. London, 1878:135-142.
- _____. 1879. Descriptions of some new tanagers of the genus *Buarremon*. Ibis, 1879:425-427.
- Seilern, J. 1913. Beschreibung zweier neuer vogelformen aus Süd-Ost Peru. Verh. Ornith. Ges., Bayern, 11:276-277.
- _____. 1936. Bemerkungen über Vögel aus Südostperu. Ann. Naturh. Mus. Wien, 47:33-41.
- Short, L. L. 1969. A new species of blackbird (*Agelaius*) from Peru. Occas. Pap. Mus. Zool., Louisiana State University, no. 36, 8 pp.
- _____. 1970. Notes on the habits of some Argentine and Peruvian woodpeckers (Aves, Picidae). Amer. Mus. Novit., no. 2413, 37 pp.
- Short, L. L., and J. J. Morony, Jr. 1969. Notes on some birds of central Peru. Bull. Brit. Ornith. Club, 89:112-115.
- Simon, E. 1901. Descriptions de trois espèces nouvelles de la famille des Trochilidae. Ornith., 11:201-203.

- _____. 1902. Étude sur les Trochilidés observés au Pérou par G. A. Baer (1900-1901). *Novit. Zool.*, 9:177-183.
- Snow, B. K., and M. Gochfeld. 1977. Field notes on the nests of the Green-fronted Lancebill *Doryfera ludoviciae* and the Blue-fronted Lancebill *Doryfera johannae*. *Bull. Brit. Ornith. Club*, 97:121-125.
- Snow, D. W. 1975. *Laniisoma elegans* in Peru. *Auk*, 92:583-584.
- Storer, R. W. 1967. Observations on Rolland's Grebe. *Hornero*, 10:339-350.
- Stott, K., Jr. 1957. A first record of the Cattle Egret in Peru. *Condor*, 59:143.
- Stresemann, E. 1959. *Buteo albigula* Philippi, ein in Süd Amerika weit verbreiteter Bussard. *Journ. für Ornith.*, 100:337-340.
- Sztolcman, J. 1926. Revision des oiseaux néotropicaux de la collection du Musée Polonais d'Histoire Naturelle à Varsovie. I. *Ann. Zool. Mus. Polon. Hist. Nat.*, 5:197-235.
- Sztolcman, J., and J. Domaniewski. 1927. Les types d'oiseaux au Musée Polonais d'Histoire Naturelle. *Ann. Zool. Mus. Polon. Hist. Nat.*, 6:95-194.
- Taczanowski, L. 1874a. Descriptions des oiseaux nouveaux du Pérou central. *Proc. Zool. Soc. London*, 1874:129-140.
- _____. 1874b. Liste des oiseaux recueillis par M. Constantin Jelski dans la partie centrale du Pérou occidental. *Proc. Zool. Soc. London*, 1874:501-565.
- _____. 1877a. Liste des oiseaux recueillis en 1876 au nord du Pérou occidental par MM. Jelski et Stolzmann. *Proc. Zool. Soc. London*, 1877:319-333.
- _____. 1877b. Supplément à la liste des oiseaux recueillis au nord du Pérou occidental par MM. Jelski et Stolzmann. *Proc. Zool. Soc. London*, 1877:744-754.
- _____. 1879. Liste des oiseaux recueillis au nord du Pérou par MM. Stolzmann et Jelski en 1878. *Proc. Zool. Soc. London*, 1879:220-245.
- _____. 1880. Liste des oiseaux recueillis au nord du Pérou par M. Stolzmann pendant les derniers mois de 1878 et dans la première moitié de 1879. *Proc. Zool. Soc. London*, 1880:189-215.
- _____. 1882. Liste des oiseaux recueillis par M. Stolzmann au Pérou nord-oriental. *Proc. Zool. Soc. London*, 1882:2-49.
- _____. 1883. Description des espèces nouvelles de la collection péruvienne de M. le Dr. Raimondi de Lima. *Proc. Zool. Soc. London*, 1883:70-72.

- _____. 1884a. Ornithologie du Pérou. Vol. 1. Oberthur, Paris, 541 pp.
- _____. 1884b. Ornithologie du Pérou. Vol. 2. Oberthur, Paris, 566 pp.
- _____. 1886. Ornithologie du Pérou. Vol. 3. Oberthur, Paris, 522 pp.
- Tallman, D. A., T. A. Parker, III, G. D. Lester, and R. A. Hughes. 1978. Notes on 2 species of birds previously unreported from Peru. *Wilson Bull.*, 90:445-446.
- Terborgh, J. W. 1971. Distribution on environmental gradients: theory and a preliminary interpretation of distribution patterns in the avifauna of the Cordillera Vilcabamba, Peru. *Ecology*, 52:23-40.
- _____. 1977. Bird species diversity on an Andean elevational gradient. *Ecology*, 58:1007-1019.
- Terborgh, J. W., and J. S. Weske. 1969. Colonization of secondary habitats by Peruvian birds. *Ecology*, 50:765-782.
- _____. 1972. Rediscovery of the Imperial Snipe in Peru. *Auk*, 89:497-505.
- _____. 1975. The role of competition in the distribution of Andean birds. *Ecology*, 56:562-576.
- Thoresen, A. C. 1974. First shrike-like Cotinga record for Peru. *Auk*, 91:840.
- Titschack, E. 1951. Beiträge zur Fauna Perus. Bd. I, Jena (Gustav Fischer), 405 pp.
- Tovar, S. H. 1969. Areas de reproducción y distribución de las aves marinas en el litoral Peruano. *Bol. Inst. Mar Peru-Callao*, 1:523-546.
- Tovar, S. H., and N. P. Ashmole. 1970. A breeding record for the Grayhooded Gull, *Larus cirrocephalus*, on the Peruvian coast. *Condor*, 72:119-122.
- Traylor, M. A., Jr. 1948. New birds from Peru and Ecuador. *Fieldiana: Zool.* [Chicago], 31:195-200.
- _____. 1951a. Notes on the barbet genus *Eubucco* (Capitonidae) in southern Peru. *Auk*, 68:508-510.
- _____. 1951b. Notes on some Peruvian birds. *Fieldiana: Zool.* [Chicago], 31:613-621.
- _____. 1952. Notes on birds from the Marcapata Valley, Cuzco, Peru. *Fieldiana: Zool.* [Chicago], 34:17-23.
- _____. 1958. Birds of Northeastern Peru. *Fieldiana: Zool.* [Chicago], 35:85-141.

- Trimble, R. 1943. Birds collected during two cruises of the "Vagabondia" to the west coast of South America. *Ann. Carnegie Mus.*, 29:409-441.
- Tschudi, J. J. von. 1844-1846. *Untersuchungen über die Fauna Peruana, Aves*. Scheitlin und Zollekofer, St. Gallen, 316 pp.
- Tuttle, M. D. 1970. Distribution and zoogeography of Peruvian bats, with comments on natural history. *Univ. Kansas, Sci. Bull.*, 49:45-86.
- Vaurie, C. 1972. An ornithological gazetteer of Peru (based on information compiled by J. T. Zimmer). *Amer. Mus. Novit.*, no. 2491, 36 pp.
- Vaurie, C., J. Weske, and J. Terborgh. 1972. Taxonomy of *Schizoeaca fuliginosa* (Furnariidae) with descriptions of two new subspecies. *Bull. Brit. Ornith. Club*, 92:142-144.
- Verrill, G. E. 1923. Rough notes on the avifauna of Paita, Peru. *Auk*, 40:303-312.
- Voge, M., and C. P. Read. 1953. *Diplophallus andinus* n. sp. and *Monoecocetus rheiphilus* n. sp., avian cestodes from the high Andes. *Journ. Parasit.*, 39:558-567.
- Vuilleumier, F., and D. Simberloff. 1980. Ecology versus history as determinants of patchy and insular distribution in high Andean birds. *Evol. Biol.*, 12:235-379.
- Warren, R. 1966. Type-specimens of birds in the British Museum (Nat. Hist.) non-passerines. *Brit. Mus. (Nat. Hist.)*, London, vol. 1, 320 pp.
- Warren, R., and C. J. O. Harrison. 1971. Type-specimens of birds in the British Museum (Nat. Hist.). Passerines. *Brit. Mus. (Nat. Hist.)*, London, vol. 2, 628 pp.
- Weske, J. S., and J. W. Terborgh. 1971. A new subspecies of curassow of the genus *Pauxi* from Peru. *Auk*, 88:233-238.
- . 1974. *Hemispingus parodii*, a new species of tanager from Peru. *Wilson Bull.*, 86:97-103.
- . 1977. *Phaethornis koepckeae*, a new species of hummingbird from Peru. *Condor*, 79:143-147.
- . 1981. *Otus marshalli*, a new species of screech owl from Peru. *Auk*, 98:1-7.
- Wetmore, A. 1922. A specimen of the Markham Petrel. *Condor*, 24:28.
- . 1923. List of sea birds collected by Mr. Charles Fagan. *Condor*, 25:170-171.
- Whitely, H. 1873. Notes on humming-birds collected in high Peru. *Proc. Zool. Soc. London*, 1873:187-191, 784.

- Willard, D. 1979. Comments on the feeding behavior of the Boat-billed Heron (*Cochlearius c. cochlearius*). *Biotropica* 11:152.
- Williams, M. D. 1981a. First description of the nest, eggs, and young of the Tumbes Sparrow (*Aimophila [Rhynchospiza] stolzmanni*). *Condor*, 83:83-84.
- . 1981b. Description of the nest and eggs of the Peruvian Thick-knee (*Burhinus superciliaris*). *Condor*, 83:183-184.
- Zimmer, J. T. 1924a. New birds from central Peru. *Field Mus. Nat. Hist., Zool. Ser.*, 12:48-67.
- . 1924b. Two new birds from Peru. *Field Mus. Nat. Hist., Zool. Ser.*, 12:101-109.
- . 1927. A new race of *Myrmeciza schistacea* from central Peru. *Proc. Biol. Soc. Washington*, 40:207-210.
- . 1930. Birds of the Marshall Field Peruvian Expedition, 1922-1923. *Field Mus. Nat. Hist., Zool. Ser.*, 17:233-480.
- . 1931a. Studies of Peruvian birds. I. New and other birds from Peru, Ecuador, and Brazil. *Amer. Mus. Novit.*, no. 500, 23 pp.
- . 1931b. Studies of Peruvian birds. II. Peruvian forms of the genera *Microbates*, *Ramphocaelus*, *Sclateria*, *Pyriglena*, *Pithys*, *Drymophila*, and *Liosceles*. *Amer. Mus. Novit.*, no. 509, 20 pp.
- . 1932a. Studies of Peruvian birds. III. The genus *Myrmotherula* in Peru, with notes on extralimital forms. Part 1. *Amer. Mus. Novit.*, no. 523, 19 pp.
- . 1932b. Studies of Peruvian birds. IV. The genus *Myrmotherula* in Peru, with notes on extralimital forms. Part 2. *Amer. Mus. Novit.*, no. 524, 16 pp.
- . 1932c. Studies of Peruvian birds. V. The genera *Herpsilochmus*, *Microhoppia*, *Formicivora*, *Hypocnemis*, *Hypocnemoides*, and *Myrmochanes*. *Amer. Mus. Novit.*, no. 538, 27 pp.
- . 1932d. Studies of Peruvian birds. VI. The Formicarian genera *Myrmoborus* and *Myrmeciza* in Peru. *Amer. Mus. Novit.*, no. 545, 24 pp.
- . 1932e. Studies of Peruvian birds. VII. The genera *Pygiptila*, *Megastictus*, *Dysithamnus*, *Thamnomanes*, *Cercomacra*, and *Phlegopsis*. *Amer. Mus. Novit.*, no. 558, 25 pp.
- . 1932f. Studies of Peruvian birds. VIII. The Formicarian genera *Cymbilaimus*, *Thamnistes*, *Terenura*, *Pernostola*, *Formicarius*, *Chamaeza*, and *Rhegmatorhina*. *Amer. Mus. Novit.*, no. 584, 20 pp.
- . 1933a. Studies of Peruvian birds. IX. The Formicarian genus *Thamnophilus*. Part I. *Amer. Mus. Novit.*, no. 646, 22 pp.

- _____. 1933b. Studies of Peruvian birds. X. The Formicarian genus *Thamnophilus*. Part II. Amer. Mus. Novit., no. 647, 27 pp.
- _____. 1933c. Studies of Peruvian birds. XI. The genera *Taraba* and *Sakesphorus*. Amer. Mus. Novit., no. 668, 17 pp.
- _____. 1934a. Studies of Peruvian birds. XII. Notes on *Hylophylax*, *Myrmothera*, and *Grallaria*. Amer. Mus. Novit., no. 703, 21 pp.
- _____. 1934b. Studies of Peruvian birds. XIII. The genera *Dendrexetastes*, *Campyloramphus*, and *Dendrocincla*. Amer. Mus. Novit., no. 728, 20 pp.
- _____. 1934c. Studies of Peruvian birds. XIV. Notes on the genera *Dendrocolaptes*, *Hylexetastes*, *Xiphocolaptes*, *Dendroplex*, and *Lepidocolaptes*. Amer. Mus. Novit., no. 753, 26 pp.
- _____. 1934d. Studies of Peruvian birds. XV. Notes on the genus *Xiphorhynchus*. Amer. Mus. Novit., no. 756, 20 pp.
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- _____. 1935a. Studies of Peruvian birds. XVII. Notes on the genera *Syndactyla*, *Anabacerthia*, *Philydor*, and *Automolus*. Amer. Mus. Novit., no. 785, 24 pp.
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- _____. 1936d. Studies of Peruvian birds. XXII. Notes on the Pipridae. Amer. Mus. Novit., no. 889, 29 pp.
- _____. 1936e. Studies of Peruvian birds. XXIII. Notes on *Doliornis*, *Pipreola*, *Attila*, *Laniocera*, *Rhytipterna*, and *Lipaugus*. Amer. Mus. Novit., no. 893, 15 pp.
- _____. 1936f. Studies of Peruvian birds. XXIV. Notes on *Pachyramphus*, *Platypsaris*, *Tityra*, and *Pyroderus*. Amer. Mus. Novit., no. 894, 26 pp.

- _____. 1937a. Studies of Peruvian birds. XXV. Notes on the genera *Thamnophilus*, *Thamnocharis*, *Gymnopathyx*, and *Ramphocaenus*. Amer. Mus. Novit., no. 917, 16 pp.
- _____. 1937b. Studies of Peruvian birds. XXVI. Notes on the genera *Agriornis*, *Muscisaxicola*, *Myiotheretes*, *Ochthoeca*, *Colonia*, *Knipolegus*, *Phaeotriccus*, *Fluvicola*, and *Ramphotrigon*. Amer. Mus. Novit., no. 930, 27 pp.
- _____. 1937c. Studies of Peruvian birds. XXVII. Notes on the genera *Muscivora*, *Tyrannus*, *Empidonomus*, and *Sirystes*, with further notes on *Knipolegus*. Amer. Mus. Novit., no. 962, 28 pp.
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- _____. 1938a. Studies of Peruvian birds. XXIX. The genera *Myiarchus*, *Mitrephanes*, and *Cnemotriccus*. Amer. Mus. Novit., no. 994, 32 pp.
- _____. 1938b. A new form of *Crypturellus noctivagus*. Proc. Biol. Soc. Washington, 51:47-52.
- _____. 1939a. Studies of Peruvian birds. XXX. Notes on the genera *Contopus*, *Empidonax*, *Terenotriccus*, and *Myiobius*. Amer. Mus. Novit., no. 1042, 13 pp.
- _____. 1939b. Studies of Peruvian birds. XXXI. Notes on the genera *Myiotriccus*, *Pyrrhomyias*, *Myiophobus*, *Onychorhynchus*, *Platyrinchus*, *Cnipodectes*, *Sayornis*, and *Nuttallornis*. Amer. Mus. Novit., no. 1043, 15 pp.
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- _____. 1941a. Studies of Peruvian birds. XXXVI. The genera *Elaenia* and *Myiopagis*. Amer. Mus. Novit., no. 1108, 23 pp.

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- _____. 1942d. Studies of Peruvian birds. XLIII. Notes on the genera *Dacnis*, *Xenodacnis*, *Coereba*, *Conirostrum*, and *Oreomanes*. Amer. Mus. Novit., no. 1193, 16 pp.
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- _____. 1944b. Studies of Peruvian birds. XLIX. Notes on *Frederickena* and *Ochthoeca*. Amer. Mus. Novit., no. 1263, 5 pp.
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- _____. 1947a. Studies of Peruvian birds. 51. The genera *Chlorothraupis*, *Creurgops*, *Eucometis*, *Trichothraupis*, *Nemosia*, *Hemithraupis*, and *Thlypopsis*, with additional notes on *Piranga*. Amer. Mus. Novit., no. 1345, 23 pp.

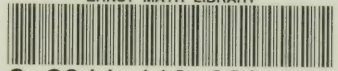
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- _____. 1950d. Studies of Peruvian birds. 58. The genera *Chlorostilbon*, *Thalurania*, *Hylocharis*, and *Chrysura*. Amer. Mus. Novit., no. 1474, 31 pp.
- _____. 1950e. Studies of Peruvian birds. 59. The genera *Polytmus*, *Leucippus*, and *Amazilia*. Amer. Mus. Novit., no. 1475, 27 pp.
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- _____. 1951b. Studies of Peruvian birds. 61. The genera *Aglaeactis*, *Lafresnaya*, *Pterophanes*, *Boissonneaua*, *Helianthus*, *Eriocnemis*, *Haplophadna*, *Ocreatus*, and *Lesbia*. Amer. Mus. Novit., no. 1540, 55 pp.
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